Centenary College of Louisiana

THE

Centenary

COLLEGE OF LOUISIANA

CATALOGUE

For the

Academic Years

1977-1979

The official seal of Centenary College states the motto of the institution. Translated, the Latin phrase "Labor Omnia Vincit" means "Work conquers all." And it is through this commitment to hard work that Centenary College, and the entire Centenary family, has distinguished itself in many fields of endeavor since its founding in 1825.

The contemporary Centenary College logotype or symbol depicts two interlocking "C's" and a flame. The two "C's" represent the initials of the College and the flame of knowledge is a symbol for the learning that has given our institution its reputation for quality education. The up-to-date design reflects the modern academic and social aspects of the College — the aspects which have given Centenary College its high place among the nation's educational institutions.

Published by
Centenary College of Louisiana
Shreveport, Louisiana
An Equal Educational Opportunity Institution

Centenary College is an independent coeducational liberal arts and sciences college, located in the thriving and active city of Shreveport, a metropolitan area numbering about 350,000 in population. The campus is beautifully wooded and rolling, with handsome architecture mostly in the Georgian colonial style. Centenary is a fully accredited four-year college and the oldest chartered institution of higher education in the United States west of the Mississippi River. In 1975 Centenary celebrated its Sesquicentennial. While most of its students come from the tri-state area, usually called the Ark-La-Tex, the College currently has students from 38 states and 23 foreign countries. The College is primarily residential, with approximately 60 per cent of the full-time students living on campus. Within 20 years of its founding, the College became affiliated with the United Methodist Church. The Church and its members continue to be active in their support of the College and its programs. Students at Centenary lead a vigorous and demanding academic, intellectual, and social life. They enjoy a high degree of freedom and responsibility in self-government and in participation in the goverance of the College, holding full voting memberships on nearly all College committees.

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I
CENTENARY COLLEGE

Centenary College ot Louisiana has a long and enviable history of dedication to the central principle of liberal education — that "the truth shall make you free" — however educators (and others) find it hard to define this phrase fully. The liberal arts and sciences (the principal areas of study available to students at Centenary) are valuable for their effect, when studied attentively and diligently, of freeing the mind and spirit of prejudices and superstitions, and of developing a lasting preference for reason and civility in discourse and in life. The Faculty and staff of this College are dedicated to and skilled in the inculcation of these values; their record for nearly a century and a half has been one of success in providing this region and the nation with graduates who exemplify these educational standards. Liberal education is first and foremost education for citizenship and for leadership in society, however valuable it may also be for developing skills and competencies for success in vocation and professions.

GOALS AND PURPOSES

Centenary College is a liberal arts institution which provides superior education for students capable of intellectual leadership and

for those who can benefit from study in an academic community where excellence is encouraged and individuality is respected. Such a community is fostered by the residential nature of the campus, an important factor in the development of the Centenary educational experience. Centenary seeks to provide its students with a basic understanding of human affairs and problems; to motivate and equip them to think clearly, honestly and constructively, and to communicate effectively; and to introduce them to the arts and sciences, that they may enjoy the best of the heritage of civilization.

Centenary places emphasis on preparation for various professions, both those for which a student can be prepared during his undergraduate career and those which require further graduate and professional study.

Centenary College, as an institution of the United Methodist Chuch, believes that knowledge and religious faith have to be linked if one is not to destroy the meaning of the other. The College strives to challenge its students to serve society by exemplifying the highest Christian ethic. Our educational philosophy thus is supported by and founded on a Judeo-Christian heritage which emphasizes the wholeness of human life, the interrelatedness of knowledge, and the dignity of man.

Centenary is fully accredited by the recognized regional and national agencies; it is a member of the Southern Association of Colleges and Schools, the National Association of Schools of Music, and the American Association of University Women. The College is approved by the American Chemical Society and the University Senate of the United Methodist Church. It maintains membership in the American Council on Education, the Association of American Colleges, the American Alumni Council, the American Association of Colleges for Teacher Education, the American Association of Collegiate Registrars and Admissions Officers, the National Commission on Accreditation, the National Association of Schools and Colleges of the United Methodist Church, the Louisiana Academy of Science, and the Conference of Louisiana Colleges and Universities.

Centenary is also a member of the Southern College University Union, Inc. The other member institutions are Millsaps, Birmingham-Southern, Southwestern-at-Memphis, Centre, and Emory and Henry Colleges, the University of the South, and Fisk and Vanderbilt Universities. Besides various cooperative programs among the institutions, Centenary also enjoys through this Union a special relationship with the Oak Ridge National Laboratory for faculty and advanced student research in the natural sciences. The Union also maintains a staff member at the Joint Universities Library at Vanderbilt for the rapid exchange of library materials and research assistance, and jointly sponsors a summer program at Oxford University.

The College of Louisiana was founded at Jackson in 1825. In 1839, in celebration of the Centennial of Methodism, the Conference of Louisiana and Mississippi founded a college named Centenary at Clinton, Mississippi. It was moved to Brandon Springs, Mississippi, in 1840, and graduated its first class in 1844. Both colleges, however, struggled for funds and for students. The trustees of the state college agreed to relinquish its charter to the Methodist Conference in 1845, provided only that "Christian instruction and discipline" be always offered on a non-sectarian basis. That spirit has formed the relationship of the College to the Church from that time until this. The merged institutions, under the name "Centenary College of Louisiana," resided in the buildings at Jackson until 1906, when, the railroads having by-passed the small community, it became obvious that the kind of metropolitan support necessary for a first-rate college would not be available there.

At that time the Atkins family of Shreveport, together with a group of their friends, offered land for a campus and the support of Shreveport for a college there. Citizens collected money for buildings and classroom equipment, and the first classes were held on the present campus in 1908. (The sundial between the Brown Chapel and the Library records the 1958 congratulations of the Shreveport community on the first half-century of the College here.)

The campus of Centenary College is widely known for its natural beauty and the excellence of its structure and facilities. The Crumley Memorial Gardens are visited by the thousands and photographed by hundreds during the blooming season of the azaleas. The golden geodesic dome of the new physical education and athletic center is a very visible symbol of the College as it rises 80 feet above the South Campus. The academic heart of the College is in the handsome structure of the Magale Library, which at present has over 120,000 volumes and a large collection of periodicals, music and dramatic recordings, microfilm materials, and nearly 1,000 paintings and objects d'art. Cooperative arrangements with the Green Gold Library System, serving Northwest Louisiana, and the Southern College-University Union centered at Vanderbilt University give access to books and periodicals that are not available on the campus. With the exception of the archives and rare books, the Library maintains open shelves. The library staff is available for any assistance that is needed.

Brown Memorial Chapel, the gift of Paul M. Brown (Chairman Emeritus of the Board of Trustees) and Colonel S. Perry Brown (a Life Member of the Board) in memory of their parents, will seat the entire student body and Faculty in their present numbers. Regular Sunday services are held there, as well as the regular chapel services held nearly every week.

Other buildings on the campus include: the Marjorie Lyons Playhouse, gift of Trustee Charlton H. Lyons, Sr., and his family, one of the most beautiful and well-equipped college theatres in the country, and the home of the Rivertown Players, the College drama group; the Ed E. Hurley Memorial Music Building, a gift of Mrs. Hurley (another Life Member of the Board of Trustees) in memory of her late husband, houses the Centenary College Hurley School of Music and provides soundproof studios and practice rooms, a recording studio, a music library, and a spacious recital hall; the Dean R. E. Smith Building, a gift of the Louisiana Conference of the United Methodist Church, has classroms, meeting rooms, faculty offices, and contains the Nellie P. Kilpatrick Auditorium, named in memory of an Honored Trustee of Centenary College by Act of the Board of Trustees; the Mickle Hall of Science, which houses all the science departments and the departments of mathematics, education, and psychology, as well as the Computing Center (with an IBM 1130 computer system) and the rehearsal hall and recording studio of the Centenary College Choir, an internationally famous singing group. The Centenary Choir rehearsal hall and studio was furnished through the generosity of Mrs. G. M. Anderson, a trustee of the College, and the late Mr. Anderson. Jackson Hall, named to commemorate the original site of the College, houses the humanities departments.

Administrative offices are located in Hamilton Hall, a gift of Mr. and Mrs. D. P. Hamilton. Mrs. Hamilton was a trustee of the

College, and a member of the first graduating class in Shreveport. The Meadows Museum of Art, a gift of Algur H. Meadows, an alumnus, houses the Jean Despujols Collection of Indochinese Art.

Student life, residential and social, is accommodated in three women's and two men's dormitories, the spacious and attractive Bynum Commons Dining Hall (with three private dining rooms for meetings of students and faculty groups), and the Randle T. Moore Student Center, familiarly known as the SUB, which contains a snack bar, the campus bookstore, the College post office, Faculty Lounge, offices for student organizations and publications, a billiard and ping-pong room, and a comfortable TV lounge, in addition to the office of the Director of Student Activities.

The selection of a college or university in which one will spend four or more of the most important and exciting years of one's life is never an easy task. Centenary College believes the most effective education takes place under conditions in which mutual explorations occur between persons who can come to know each other as individuals. This is the kind of educational environment Centenary College has successfully established. Although members of this community recognize that much education takes place outside the classroom and laboratory, it is nevertheless to take advantage of a society of trained and mature minds that one enters formal higher education. Centenary is especially and justly proud of its Faculty, all of whom are dedicated to teaching as a profession. Many of the Faculty are nationally and internationally known authorities in their fields of study. Ninety-five per cent of the senior Faculty hold doctoral or terminal degrees; a glance at the Faculty Register in the back of this Catalogue will indicate the wide variety of distinguished universities, here and abroad, from which they come. Courses, freshman and upperclass, are taught by fully-qualified members of the Faculty. Full-time Faculty serve as personal academic advisers to the student and they are available for consultation with students many hours each week in addition to their classroom responsibilities.

centenary college

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THE CENTENARY STUDENT

LIVING ON THE CAMPUS

The student body of Centenary College is composed of students from all sections of the United States and several foreign countries. The College believes that residence hall living in the academic setting is conducive to personal growth and development and to complete involvement in campus life. Therefore, all full-time students are required to live on campus and purchase meals in the Centenary cafeteria except students living with their immediate family, married students, divorced students, and students who are 22 years of age or older. Other exceptions to this requirement are listed in the **Centenary College Student Handbook** and must be approved by the Office of Student Services on or prior to registration.

All residence halls are air conditioned. There are three women's residence halls: James, Hardin, and Sexton. The three women's residence halls are arranged in suites of two rooms with a bath. Hardin is reserved as an honors residence hall for women students who have achieved junior or senior class status while maintaining at least a 2.5 grade point average. Cline and Rotary are the men's residence halls. Cline is arranged in suites of four rooms with a bath while Rotary is arranged in the traditional manner with large rooms opening into a central hall. Each room in Rotary is equipped with a lavatory.

The third floor of Rotary Hall is reserved as an honors residence for men. All residence halls have lobbies that are available for use by students and their guests.

Rooms are assigned on the basis of contracts supplied to resident students each semester. Students are given their choice of residence hall and desired room if possible.

The Bynum Commons Dining Hall is located on Sexton Drive and offers hot meals daily at times convenient to class hours and examination schedules. Light meals and snacks may be purchased at the snack bar in Moore Student Center.

STUDENT GOVERNMENT

Believing that responsibility and self-direction are necessary parts of the college learning experience, Centenary traditionally has encouraged and supported student government. Students now serve on nearly all College committees as full voting members. Considerable authority to govern, regulate, and control student affairs within the framework of the College administrative policies is delegated to such responsible bodies as the Student Senate, the Honor Court, and the Men's and Women's Judicial Boards. Officers and members of the Senate are the elected representatives of the entire student body. All social or competitive functions affecting students, including campus elections, are the responsibility of the Senate. Senate committees also arrange and sponsor movies, entertainment programs, and visits to the campus of prominent speakers representing different fields of activity and points of view.

To a large extent, students themselves constructed the Honor System which binds all students and governs all academic work at Centenary College. Through an Honor Court of five justices chosen from nominations by the Faculty and the student body, the students themselves administer the Honor Code. The Honor System is based on the premise that honor is fostered, not forced, and that it can be fostered only through the willing and earnest efforts of both Faculty and students. All undergraduate students who enroll at Centenary must subscribe to the Code, and thus automatically become a functioning part of the system.

Each dormitory elects a dormitory council which has a policy-making function concerning regulations. The council acts as a judicial body on those cases involving dormitory regulations that do not come under the jurisdiction of the Honor Court, Judicial Board, or Student-Faculty Discipline Committee.

RELIGIOUS LIFE

Centenary College believes that religious faith is the foundation of intellectual attainment as well as personal development. The student is provided with many opportunities for worship and for

private meditation in the Brown Chapel. Centenary has chaplains assigned to minister to the campus. The chaplains are available to students for counseling at any time. They have charge of the regular campus worship services, conduct the Thursday chapel programs, direct the Methodist Student Movement, and coordinate other religious activities on campus.

Most of the major religious denominations have active organizations headquartered either on or very near the campus. Students are strongly encouraged to participate in these organizational activities, and facilities of both the Brown Chapel and the Dean R. E. Smith Building are available for this purpose.

The Methodist Student Movement is the organized ministry of the United Methodist Church to the campus. At Centenary MSM sponsors regular weekly meetings, films, lectures, discussion groups, and spring and fall retreats which are dedicated to Christian fellowship and to questions concerning the relationship of religious faith to higher learning in the modern college classroom. Programs of a similar nature are also provided by the Canterbury Club (Episcopal), the Baptist Student Union, and the Newman Club (Roman Catholic).

Each year through the Willson Lecture Series outstanding lecturers in theology, philosophy, and education are brought to the Campus. These guest lecturers are provided through the generosity of Dr. and Mrs. J. M. Willson of Floydada, Texas.

Opportunities for worship and theological lectures on an ecumenical and non-sectarian basis are offered to the campus. Regular weekly worship services are held on campus. These services are planned with the particular needs of a college campus in mind, and frequently reflect experimental modes of worship.

On a number of Thursdays during the semester, at 11:00 a.m. in Brown Chapel, there are religious programs, theological lectures, or special presentations. Representatives of the major religious traditions officiate at various times.

Although attendance is not compulsory, the Faculty feel the value of the assemblies is essential to a student's educational program. To promote attendance, the Faculty has passed a regulation which prohibits scheduling of any other meetings or conferences between 11:00 and 12:00 o'clock on Thursday mornings.

PUBLICATIONS

Student talent and student opinion find expression in the **Conglomerate** and the **Yoncopin**. The **Conglomerate**, campus newspaper, is published weekly when classes are in session. The college yearbook, **Yoncopin**, is published in late spring. Both are student-written and student-edited. They are financed by student fees and paid advertising.

KSCL-FM

The College sponsors a student-managed and student-operated ten-watt FM radio station which broadcasts up to one hundred forty-eight hours per week providing a wide variety of open format, day-part, experimental, educational and public service programming to the South Shreveport community. The station provides communication experience in announcing, programming, continuity, news, public service, music, radio administration and communications management. KSCL is funded through student fees. Staff must meet Federal Communications Commission requirements and comply with regulations governing such low-power stations. Typically, over fifty students are active in programming and operating the station. KSCL is an important College presence in the Shreveport community which provides a type of programming otherwise currently unavailable in the area. It also provides laboratory experience for students contemplating careers in broacast media and communications.

MUSICAL ORGANIZATIONS

The Hurley School of Music at Centenary College provides many opportunities for students to participate in campus music organizations. Interested and capable instrumentalists may audition for the College Band, Stage Band, various instrumental ensembles and the Shreveport Symphony. Vocalists will find opportunities in the College Choir, Chamber Singers, and the Opera Theatre. All of these organizations present public concerts throughout the year. Concerts by the College Choir on tour and television, the College Band in outdoor summer concerts as well as several concerts during the regular academic year, the Opera Theatre in public school and campus presentations and the Shreveport Symphony show both the vitality and variety of performance opportunities available. The opportunity to try out for all of these organizations is extended to every member of the student body. For information call the Hurley School of Music.

THEATRE AND ART

Centenary's magnificent and versatile Marjorie Lyons Playhouse makes it possible for the College to offer a strong major in theatre and speech. The Rivertown Players, a student theatrical organization, utilizes the talents of many students with an interest in theatre as well as those majoring in theatre arts. The aim of the Department of Theatre/Speech and the Rivertown Players is to present drama of imaginative artistic calibre, and to provide a diversified and entertaining theatre and dance program.

The College often brings the work of outstanding artists, sculptors, and photographers to the campus for showing in the Gallery of the Library. Centenary art majors and faculty members show their

Marjorie Lyons Playhouse

work frequently in campus exhibits, and they participate actively in showings and competition off campus. The Centenary chapter of Kappa Pi, national fraternity for art majors, each Christmas sponsors a special exhibit and sale of student and faculty art work for the benefit of scholarship projects. Rare books and particularly interesting or valuable manuscripts frequently are secured for display in the Library itself.

THE MEADOWS MUSEUM

The Meadows Museum of Art was established at Centenary College of Louisiana in 1975 on the occasion of the College's 150th anniversary for the purpose of housing the Jean Despujols Collection of Paintings and Drawings of Indochina. The museum was made possible by a gift from Algur H. Meadows, a Centenary alumnus, who had purchased the collection for his alma mater in 1969. The museum's collection and exhibits are not restricted to the Indochina works, but a large portion of that collection is normally on display at all times. Special exhibitions sponsored by the Shreveport Art Guild Friends of the Meadows Museum are brought in from time to time.

The Despujols Collection consist of 360 works in a variety of media ranging from oils and watercolors to pencil sketches. It is divided into nine groups, the first of which is devoted to Jean Despujols' voyages from France to Indochina and from Indochina to the United States. The other eight groups are arranged by regions and ethnic divisions. Certain groups are shown during the academic

"Temple in the Jungle," one of 360 drawings and paintings of Indochina by French artist Jean Despujols housed in the Meadows Museum on the Centenary campus.

year in a series of three exhibitions, each lasting three months. During the summer months examples from all of the groups are shown at one time.

HONOR SOCIETIES AND SERVICE ORGANIZATIONS

A number of honorary fraternities and service organizations which recognize scholarship and leadership have chapters on the Centenary campus. These include: Alpha Chi, a national scholastic fraternity for junior and senior men and women who have a 3.5 cumulative average and are invited to join; Alpha Epsilon Delta, a national honor society for premedical students who have a 3.0 average in science courses and a 3.0 average in non-science courses; Alpha Sigma Chi, society of chemistry upperclassmen who have a 2.5 cumulative average and a 3.0 average in chemistry; Eta Sigma Phi, a national honorary fraternity for outstanding students of Greek or Latin; Sigma Gamma Epsilon, honorary fraternity for students with a 3.0 cumulative average in 10 hours of geology and 2.0 overall average; Sigma Pi Sigma, honorary physics fraternity for students with a 3.0 average and three hours of advanced physics; Kappa Pi, national art fraternity; Phi Beta, national speech and music fraternity; Alpha Kappa Delta, National Sociological Honor Society.

Membership in the Maroon Jackets is one of the highest honors that can be bestowed upon a Centenary coed. The Maroon Jackets are chosen from among the junior and senior women who have excelled scholastically (3.0 average required) and have shown outstanding leadership and service to the College. They are the official hostesses of the College, representing Centenary at all functions of major importance. Omicron Delta Kappa, a national honorary fraternity for men and women, recognizes leadership, scholarship, and service in various fields of activity. Outstanding students are elected to the fraternity from the junior and senior classes by members of the chapter. Kappa Chi is a service organization inviting members of any denomination interested in full-time religious vocations.

There are a number of other clubs and organizations through which the student can become involved in campus life. These include the Math Club, Rivertown Players, Physics Club, Psychology Club, Student National Education Association, Student Louisiana Teachers Association, Biology Club, Sailing Club, Wilderness Society, Pre-Law Club and Literary Society.

Independent of the College, but closely associated with it and supported by it, is a telephone crisis-intervention service called Open Ear. Students participate in several ways, one of the most interesting of which is as actual telephone counselors for the service. Volunteers are carefully trained by professional counselors.

SOCIAL FRATERNITIES AND SORORITIES

The Greek world at Centenary is composed of four national fraternities and two national sororities. The fraternities are Kappa Alpha, Kappa Sigma, Tau Kappa Epsilon, and Theta Chi. The sororities are Chi Omega and Zeta Tau Alpha. The Inter-fraternity Council and the Panhellenic Council help maintain sound relations between social fraternities and sororities on campus, and they pursue ways to encourage scholarship and intellectual accomplishment. Rush season at Centenary begins with the fall semester.

INTELLECTUAL, CULTURAL, AND SOCIAL ACTIVITIES

Activities of all kinds are constant lures for student attention during the year. The Senate-sponsored Forum series brings to the campus renowned educators, politicians, leaders, and thinkers. Through Lyceum programs students enjoy guest lecturers and entertainers representing all of the arts. During the academic year there are many special concerts and recitals by the Hurley School of Music faculty, the Shreveport Symphony, Centenary Choir, Chamber Singers, Opera Workshop, and many guest artists. There are theatre productions in the Marjorie Lyons Playhouse and art exhibits in the Meadows Museum and Magale Library.

Students and faculty in an informal gathering at a Louisiana plantation house.

In addition to all the social events regularly scheduled by the Greek organizations, there are all-campus dances, beauty contests, movies, professional entertainment, and other activities involving the entire student body at frequent intervals during the year. These include the traditional spring Founders' Day picnic, all-campus reviews, and all-campus weekends.

ATHLETICS AND INTRAMURALS

Centenary gives considerable importance to a broad general program of physical fitness for the entire student body. A wide range of physical activity courses are available, giving instruction in various individual and team sports. As an adjunct to formal training, both men and women students are encouraged to participate with teams in intercollegiate competition and to take part in the various intramural programs. Football, basketball, ping-pong, racketball, volleyball, tennis, softball, billiards, badminton, and cross-country are some of the activities available through the intramural program.

In intercollegiate competition, Centenary is a major independent college. The varsity basketball team plays in the University Division of the NCAA; golf, tennis, and baseball teams play in the College Division. Men's soccer is available in intercollegiate competition on a club basis. Recently our basketball team finished its season as one of the top 20 in the Associated Press ratings of major college and university teams. The College does not participate in inter-

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collegiate football and does not sponsor a varsity team in this sport. Centenary is a member of the Association for Intercollegiate Athletics for Women. Women's tennis and gymnastic teams compete in a full schedule.

STUDENT SERVICES

The academic life and the personal welfare of the student are inseparable. Recognizing this, Centenary has set up a sound program of advisement centered around the academic, the personal, the religious, and the social aspects of the student's life on campus. Each student is assigned a Faculty adviser who is either the chairman of the department of his or her major area or is a faculty member teaching in that department. The Dean of the College counsels in academic affairs, while the Office of Student Services advises on personal, social, and dormitory problems, and those concerning Greek letter organizations. The Director of Student Activities assists the Student Government Association in planning all social activities on the campus and is responsible for the Student Union Building. The

Registrar helps students with degree plans and graduation requirements. The Chaplain of the College coordinates religious services and programs, and is always available for personal counseling.

Students who desire financial assistance or part-time employment either on or off campus should see the Director of Financial Aid and Director of Career Placement.

The Department of Education has a separate office for teacher placement.

MEDICAL SERVICES

During the fall and spring semesters a campus physician is available three afternoons each week. His services are available to all full-time students without charge. In those cases that require a specialist or complicated laboratory procedure, the campus physician may refer the student to several off-campus physicians who have agreed to accept Centenary students through a special arrangement with the Shreveport Medical Society. In these cases students must pay the doctor's fee.

Accident insurance with a maximum coverage of $1,000 is provided for all full-time students. Coverage for medical expenses caused by illness is not provided by the College and must be purchased by the individual.

COUNSELING SERVICES

The College has found a need among students for counseling in matters of personal and social concerns, and has established counseling services through the following offices: the Office of Student Services, the Chaplain, the Director of Student Activities, and the Psychology Department. Students are encouraged to initiate contact with these counselors at any time of need.

In addition to the counseling service, the Office of Student Services and the Department of Psychology offer testing services for students to help clarify problems and to analyze special needs and vocational interests.

CAREER PLANNING AND PLACEMENT CENTER

The Career Planning and Placement Center assists all students who wish to explore direct entry into a career upon graduation or preprofessional preparation necessary prior to entering a profession.

The aim of the career programs is to bring students and the working community together in mutually desirable employment relationships. Assistance will be given students in reaching decisions in determining fields for which they are best qualified. Counseling

sessions, career exploration meetings, interviewing procedures, conferences, and reference literature on a variety of career possibilities all assist in meeting this objective.

The career or further study decisions which a student will pursue upon graduation, of course, are wholly the student's responsibility. The Career Planning and Placement Center should be regarded as a supplement rather than as a substitute for the student's personal imaginative efforts in identifying and securing the employment opportunity best suited to his qualifications and career interests.

All students are urged to make early contact with this school service.

An aerial view of Centenary College during an unusual snowstorm in 1977.

III
ADMISSIONS

Centenary College accepts application for admission without regard to race, sex, or religious commitment. Students in college preparatory programs of accredited secondary schools, students desiring to transfer from accredited colleges and universities, and students presenting the General Education Diploma (GED) are eligible to apply for admission.

UNDERGRADUATE APPLICATION REQUIREMENTS

Admission of new students to Centenary is based upon a consideration of the applicant's previous academic achievement, scores on the standard college entrance examinations (the SAT or the ACT), and personal qualities as demonstrated by the application information.

The applicant must, by the time of enrollment, be a graduate of an accredited secondary school and present fifteen (15) units of academic work. Of these fifteen units three must be in English, two in history or other social sciences, two in mathematics (one in algebra and one in geometry, or two in algebra, are recommended), and one in the sciences. An additional unit of English and two units of a foreign language are strongly recommended.

Centenary College does not require the student to submit personal recommendations or have a personal interview on campus. Applicants are strongly advised, however, to visit the campus and talk with members of the Admissions Staff.

Applicants must meet one of the following requirements:

(1) Have a "C" average or above in all academic subjects, or

(2) Attain a composite score on the American College Test (ACT) or the Scholastic Aptitude Test (SAT) which would place them among the upper one-half of high school seniors taking the test nationally.

The student who may not meet these requirements but has a strong desire to attend Centenary should contact the Office of Admissions for further information.

The College's admissions program is based on a rolling admissions policy. Rolling admissions offers the applicant the opportunity to apply for admission at any time prior to the date of registration for the semester of planned enrollment. For the high school graduate it is advisable to make application prior to April 1 of the senior year.

PROCEDURE FOR ADMISSION

Two methods of filing an application are available to students interested in Centenary: (1) by filling out an official application form obtained from the Admissions Office, or (2) by having a complete score report of the American College Test (ACT) or the Scholastic Aptitude Test (SAT) sent to the Admissions Office.

To complete the applicant's file the Admissions Office must also receive a ten dollar ($10.00) nonrefundable application fee, an official high school transcript, and test scores from the ACT or SAT (if not submitted as the application).

Once the applicant's file is complete, the application is reviewed by the Director of Admissions and the Faculty Subcommittee on Admissions. Decisions are announced to the applicant in writing by the Director of Admissions normally within one week of the decision.

The applicant who has been offered admission needs to indicate acceptance by: (1) writing to the Director of Admissions signifying acceptance; (2) guaranteeing the intention to register by payment of an advance tuition deposit of $50.00 and a nonrefundable $15.00 matriculation fee. If the applicant is planning to live on campus an additional $50.00 room deposit is required. The advanced tuition deposit is applied to the first semester's tuition charge. The room deposit is not applied to room charges, but remains in the student's account as a warranty against damage to College property. If no damages are assessed, the room deposit is returned to the student when he or she leaves the College, either by withdrawal or graduation.

ADMISSION OF TRANSFER STUDENTS

Procedures for application for admission as a transfer student from another four-year institution or from a junior college are the same as those stated previously. Official transcripts of all college work undertaken prior to transfer must be submitted. No more than 64 hours may be transferred from a junior college. Normally, high school transcripts and test scores are not required of transfer students who have earned more than 27 semester hours or their equivalent. If the student is enrolled at another institution at the time of application to Centenary, admission, if offered, must be regarded as tentative until a final transcript has been received. To be acceptable as a transfer, a student must have achieved a cumulative average of at least 2.0 (C) in all work attempted previously. Students who do not meet this requirement are occasionally admitted on probation and with the stipulation that they may register for no more than 13 semester hours while on probation.

Credit transferred from other institutions is regarded as tentative pending the successful completion of work at Centenary. Credit is transferred only for work in which a grade of "C" or better has been earned and only for courses which have been approved by the Faculty for offering at Centenary, or reasonable equivalents thereof. Grades from other institutions are not transferred, and cumulative averages are calculated only on work done at Centenary, except for the calculation of graduation honors. A final evaluation of credit earned at other institutions will be done only after the student has been admitted and paid the necessary fees and deposits.

ANTICIPATED ENROLLMENT COSTS

To **apply** for admission it is necessary to submit a $10.00 nonrefundable application fee.

At the point of admission the student will be asked to pay the following fees and deposits to complete the enrollment process and be ready to register for coursework. Each admitted student is asked in their letter of admission to pay the following fees:

(1) $15.00 matriculation fee (Nonrefundable), and
(2) $50.00 advanced tuition deposits (Refundable. Apply to the first semester's tuition).

Students planning to live on campus are also required to submit a $50.00 room deposit (refundable) to hold a residence hall space and act as a damage deposit during their college career. Upon withdrawal or graduation from the College, students must request a refund of the room deposit in writing.

SPECIAL PROGRAMS

Additional Requirements in Music

Entering students are given auditions and placement tests in music theory and piano (for non-keyboard majors). For unconditional acceptance as a music major, a student should be able to perform an entrance audition in his major applied area, meeting standards which are set by the School of Music. Placement tests are administered during the freshman orientation period each fall, and prior to registration for the second semester. Entering freshmen should consult early with the Dean of the School of Music concerning qualifications, auditions, and tests.

Credit in applied music for students transferring from other colleges will be determined by an audition before the music faculty and by progress made during the first semester at Centenary. Transfer students should also expect to take examinations in music history to determine whether equivalent standards have been met.

Early Admission

Gifted students completing their junior year in high school may apply to the college for admission as full-time students. Students entering under the early admission program do not receive their high school diplomas from Centenary but begin college level work earlier than normal. The requirements for early admission are stringent: three units of English, three of mathematics, two of natural science and two of social science; the personal recommendations of the student's high school principal, guidance counselor, and parents, all in writing; junior year SAT or ACT scores showing a high degree of aptitude and verbal skills (1150 SAT composite or a 26 ACT composite); a three-year high school record of outstanding achievement (3.5 or above in college preparatory subjects); and a personal interview with the Faculty Subcommittee on Admissions, gives evidence of maturity and responsibility. Students interested in early admission should write to the Director of Admissions.

Advanced Placement

Centenary College participates in the Advanced Placement Program of the College Entrance Examination Board. Subject to the approval of the departments concerned, students who score three, four, or five on Advanced Placement examinations will be considered for advanced placement and/or advanced standing (i.e., college credit for the work done in secondary school). For further information about the Advanced Placement Program, students should consult their high school counselors or write to the Director of Admissions.

College Level Examination Program (CLEP)

Centenary College maintains the following policies regarding the College Level Examination Program:

A. General Examination

1. A student may be awarded up to 24 semester hours of credit through the CLEP-GE by scoring at or above the 50th percentile (combined sophomore national norm for male and female). The distribution is:
   a. English elective ..... 3 semester hours
      (Does not fulfill distributive requirements)
   b. Physical Sciences elective ..... 3 semester hours
      Biological Sciences elective ..... 3 semester hours
   c. Mathematics elective ..... 3 semester hours
   d. Fine Arts elective ..... 3 semester hours
      Literature elective ..... 3 semester hours
   e. Social Sciences elective ..... 3 semester hours
      History elective ..... 3 semester hours

Awarding of this credit will be done automatically by the Registrar. This credit is contingent upon the student's successfully completing 30 hours of credit at Centenary College. CLEP credit will not be awarded in any area in which the student has earned academic credit accepted by Centenary. The CLEP-GE may not be repeated for credit.

B. Subject Examinations

1. Credit will be awarded to students who score at or above the 50th percentile on Subject Examinations approved by the department appropriate to the examination.
2. Specific course credit (course title and hours credit) will be awarded by the Registrar after consultation with the appropriate department chairman.

Credit from all forms of non-traditional work (CLEP, correspondence or extension courses, USAFI, advanced placement, departmental proficiency examinations, military service experience, military service training, and all other) may not exceed 40 hours; no more than 24 of which may be from any one of the categories listed above.

FOR FURTHER INFORMATION AND MATERIALS:

Call the Admissions Office at 318/869-5131 or write to:

Director of Admissions
Centenary College of Louisiana
Centenary Blvd.
Shreveport, LA 71104

HAMIL

IV
COST AND FINANCIAL AID

Centenary College is a non-profit institution. The tuition, fees, and other charges paid by the student cover less than half the actual cost of his educational opportunity. The remainder of these costs is borne by income from endowments and from the generosity of friends of the College and of the United Methodist Church with which the College enjoys an historic affiliation. In this way, the cost to the student is kept at the lowest possible amount consistent with adequate facilities and excellent instruction. Although very few colleges will, in times of generally rising costs, pledge that educational charges will not also rise during any undergraduate generation, Centenary College offers this guarantee. The Board of Trustees of the College, which sets the level of tuition, has placed a freeze on tuition charges. Students who enter Centenary in the 1977-78 academic year are guaranteed that their tuition charges will not be increased during their four years of continuous enrollment.

ANNUAL EXPENSES FOR 1977-78

Tuition	$1,600.00
General Fees	120.00
Students enrolled in Music curricula have annual surcharge of $110.00 to cover a portion of the cost of private lessons.	
Dormitory Room, double occupancy*	
(does not include Interim)	474.00
All rooms are equipped with a private telephone. The charge for local service is included in room rate.	
Board (does not include Interim)	750.00
TOTAL	$2,944.00

*Single room rate for the academic year is $670.00 subject to the availability of single room space.

The tuition and general fees are applicable to all registration in the normal full-time range of 12 to 18 hours. Any registration for less or more than these limits is charged at the rate of $60.00 per semester hour, except the students who take 10 or 11 hours will be charged tuition at the rate of $800.00 per semester. This rate also applies to students in the evening classes offered by the College.

INTERIM EXPENSES

Interim tuition for part-time and transient students will be $90.00 per course. Room and board rate for all resident students during Interim will be $100.00. Students not enrolled for classes during Interim but who wish to stay on campus must secure permission from the Dean of Student Services. They are required to pay the room and board fee and are subject to all campus regulations. When courses, offered at locations other than on the Shreveport campus, involve additional costs for tuition, room and board, the College may bill the student for such additional amounts when he registers for the course. In some cases the student may be required to pay charges directly to other parties.

Normally, financial aid (grants, scholarships and loans) will be applicable only to those Interim programs offered on the Shreveport campus. Requests for exceptions must be made in writing to the Director of Financial Aid.

SUMMER SCHOOL EXPENSES

Summer school tuition is charged at the rate of $30.00 per semester hour. All students will be charged a $10.00 fee. Students taking applied music lessons will be charged $50.00 surcharge for the summer session. Dormitory room charges for the 1977 summer session are $80.00 for double occupancy and $100.00 for a private room. Board charges for the 1977 summer session are $175.00. These room and board charges are for the full eight-week session. Charges for a four-week session are one-half of the amounts stated.

Normally, financial aid is not available for the summer session.

SPECIAL FEES

Other special (and generally non-recurring) fees are as follows:

Application fee (non-refundable)	$ 10.00
Matriculation fee (paid once at first entry)	15.00
Change in registration (per change)	5.00
Graduation fee	25.00
Identification card replacement	5.00
Late registration fee	10.00
Parking fee for day students (yearly)	6.00
Room deposit and warranty (refundable—subject to damage charges)	50.00
Change of dormitory room (after the deadline date to add courses)	10.00
Student teaching fee	125.00
Transcript fee (first copy free)	2.00

A laboratory fee of $10.00 per semester is charged for each science course requiring use of a laboratory. This fee does not cover charges for breakage.

A nominal charge may be levied for off campus Physical Education courses such as bowling, golf, etc. These charges will be paid by the student, directly to the off-campus parties levying the charge.

The tuition surcharge of $55.00 per semester for students in music curricula covers all applied music and instrumental rental fees. Non-music majors and part-time students who wish to register for applied music courses will pay an additional fee of $55.00 for a one-half hour lesson per week, and $110.00 for a one hour lesson per week. The cost of books, music, and other supplies will vary with the student's curriculum. In most cases the annual expense will be approximately $150.00. An estimate of annual cost to the student should include some allowance for clothing, laundry, travel and personal spending money.

The general fees include student accident insurance, student activities fees, library, student newspaper, the College yearbook, identification card, athletic events, and all laboratory fees except those special charges levied for excessive breakage and waste.

PAYMENT OF FEES

Matriculation in the College is an implied contract by which the student accepts all regulations of the College, including those governing payment and refunds. Charges are made by the semester and they are payable by the semester. Payment of semester charges, or arranging to pay them, is a part of the registration process. Enrollment has not been completed until the student has paid his fees or has made satisfactory arrangement with the Business Office Manager. Students who are more than ten days delinquent in payment of any fees may be suspended from the College.

There are several acceptable methods of payment:

1. The entire account may be paid on registration.
2. One-half of the charge is due on registration and the balance due 30 days after registration. This arrangement must be approved by the Business Office Manager at registration. The student will be suspended if the payments are not made when due. There is a charge of $10 for this method of payment. (Credits for scholarships and financial aid cannot be considered part of the first payment.) A penalty charge of 1% per month (or portion thereof) on the unpaid balance will be assessed on payments not made when due.
3. For each summer session, the entire amount is payable on registration, or the student may pay half on registration and the balance within 10 days of the session. There is a charge of $5 for this latter method. The student will be suspended following the 10-day period if payment is not made.

WITHDRAWALS AND REFUNDS

Failure to attend classes does not constitute a withdrawal. Official withdrawal is the date the student receives the approval of the Dean of the College for his withdrawal and all refunds are based on that date, regardless of the date of last attendance. In addition,

there are academic penalties for failure to complete the proper procedures; for these see the appropriate passage in the "College Regulations" in this Catalogue.

A withdrawal form (available at the office of the Dean of the College) must be filed immediately by a student who withdraws from the College after he has registered for classes in a regular session, summer session, or Interim. The completed form bearing the proper signatures must be filed at the Registrar's Office.

Fall and Spring Semester tuition and refundable fees are refunded if the student withdraws on or before the first four class days after registration. After the first Friday of classes the following policy applies:

1. All fees are charged.
2. Between the fifth day of classes and the third Friday after classes begin, three-fourths of the tuition is refunded.
3. Between the third Friday and sixth Friday after classes begin, one-half of the tuition is refunded.
4. After the sixth Friday of classes no refunds are given.
5. After the fourth day of classes there is no refund for courses dropped while the student continues in other courses.

Summer session tuition and refundable fees are refunded if the student withdraws on or before the first Friday of classes. After the first Friday of classes the following policy applies:

1. All fees charged.
2. Between the first Friday of classes and the second Friday of classes for eight-week courses, half of the tuition is refunded.
3. After the second Friday of classes for eight-week courses, no refunds are given.
4. After the first Friday of classes for four-week courses, no refunds are given.

Board for that part of the semester or summer session which has not been used will be refunded regardless of the date of the official withdrawal; room rent cannot be refunded, however. Students who are separated from the College as the result of disciplinary action forfeit all refund rights.

STUDENT FINANCIAL AID AND SCHOLARSHIPS

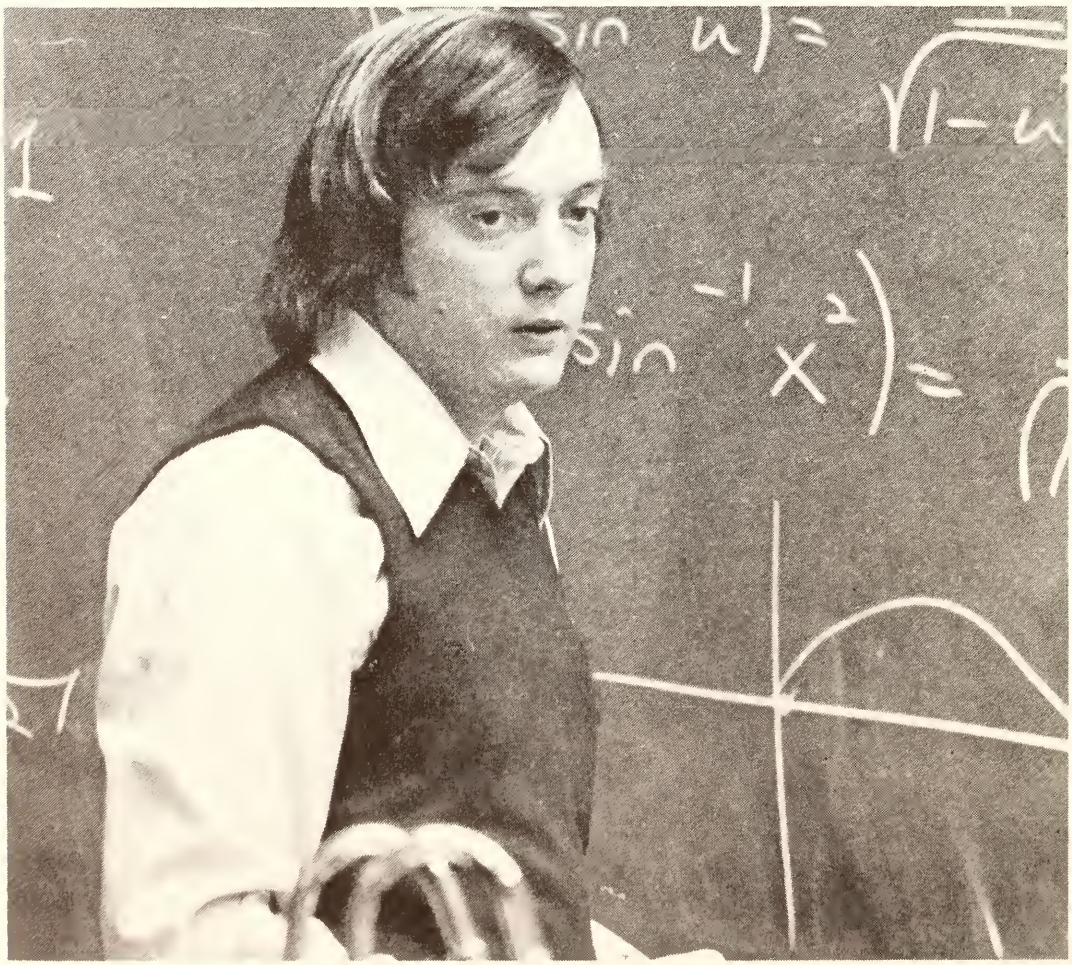
Many sources of financial aid are available for the worthy and capable student who would like to attend Centenary College but who may also need some financial assistance. To enable academically qualified students to attend Centenary College, financial aid in the form of scholarships, grants, part-time employment, and loans is available.

Centenary College has a strong scholarship program, recognizing scholastic excellence as well as achievement in specific areas. The College also participates in various federal programs based on the

financial need of the student. It is possible to receive financial aid based on merit or need, or in many cases, a combination of these. Approximately half of the students presently enrolled at Centenary College are receiving some form of financial aid.

To apply for financial aid at Centenary College, a student should:

1. Complete the admission procedure.
2. Submit the Centenary College Financial Aid and Scholarship Application, preferably before April 15.
3. All students interested in financial aid based on need are urged to apply for the Basic Educational Opportunity Grant. Basic Grant Applications can be obtained from high school counselors, public libraries or any college or university financial aid office.
4. If additional financial aid based on need is desired, submit a financial statement to either the American College Testing Program or the College Scholarship Service. These financial statements can be obtained from high school counselors or the Financial Aid Office. These financial statements are necessary for the National Direct Student Loan, the Supplemental Educational Opportunity Grant and the College Work-Study Program.



SCHOLARSHIPS AND GRANTS-IN-AID

Entering students who have scored an ACT composite of at least 28 or an SAT composite of 1250, and who also have at least a 3.0 on a scale of 4.0 for their high school record, are eligible for the President's Scholarship which is equal to half tuition. These scholarships are limited in number, and eligible applicants are urged to apply as early as possible. To retain the scholarship for four years of continuous enrollment, the student must maintain a cumulative grade point of 3.0 on a scale of 4.0 and be enrolled as a full-time student.

Centenary College has many other scholarships, some for general academic excellence and others with various restrictions. Applicants again are urged to apply as soon as possible for any scholarship aid.

Grants-in-aid are awarded for exceptional achievement in extracurricular activities such as music, dramatics, athletics, etc. Grants-in-aid and scholarships vary from nominal amounts to half tuition, and in some instances to full tuition, depending on the individual qualifications of the applicant. Scholarships and grants-in-aid at Centenary College are awarded to full-time students only (12 credit hours or more per semester) and require that a recipient maintain at least a 12 hour course load each semester. To retain a scholarship, recipients must also remain in academic good standing. Recipients of a grant-in-aid must remain eligible for enrollment to retain the award.

Students who hold a baccalaureate degree are not eligible for institutional scholarships or grants-in-aid. No student can receive institutional aid for more than eight semesters.

Special scholarships are granted to dependents of ministers. A Methodist minister's dependent, who is single and still residing at home, is eligible for a 55% tuition scholarship. The student must be attending full-time and also be in good standing academically to retain this scholarship. Dependents of ministers of other denominations receive a half-tuition scholarship under the same conditions as a Methodist minister's dependent.

A scholarship program unique to Centenary College is that of Church Careers. Students accepted into this program are awarded half-tuition scholarships.

Further scholarship information is contained in the Financial Aid Brochure, available upon request.

Endowed Scholarships and Annual Gift Awards are listed below:

The Altrusa Club of Shreveport Scholarship. For worthy students in need who are residents of Louisiana.

The G. M. Anderson Scholarship. For student choir members in need.

The Centenary Alumni Scholarship. For incoming freshmen who demonstrate outstanding academic and leadership qualifications.

The Centenary Art Department Scholarship. For a worthy art student selected by the Head of the Art Department.

The Douglas Attaway Memorial Scholarship. For a student who shows a need. Special preference given to journalism majors.

The Callie Ann Cogdell Avery Scholarship. For an outstanding Methodist ministerial student in need of financial assistance.

The Mary Susan Bailey Scholarship. For worthy students in need of financial assistance.

The M. L. Bath-Rotary International Scholarship. Offered annually to a worthy foreign student who desires to study in his country.

The Susan R. Bauguss Scholarship. For deserving women students.

The Rev. & Mrs. James L. Beasley Scholarship. For a student in the Department of Religion.

The Don Brown Memorial Scholarship. For a student of ability, majoring in art. and in need of financial assistance.

The Paul M. Brown Scholarship. For worthy students in need of financial assistance.

The R. S. Byron Scholarship. For students who demonstrate a need for financial assistance and are deserving.

The Martha Cappel Memorial Scholarship. For outstanding students in financial need.

The Centenary School of Church Careers Scholarship. For full-time students accepted into the Centenary School of Church Careers program.

The Centenary Women's Club Scholarship. For an outstanding student in need of financial assistance who must maintain a 3.0 grade point.

The Chemistry Department Scholarship. For outstanding chemistry majors.

The T. C. & L. C. Clanton Memorial Scholarship. For an outstanding ministerial student scholastically worthy and in need of financial assistance.

The Commercial National Bank Scholarship. For children of employees of the Commercial National Bank of Shreveport.

The Clarence Coon Scholarship. For students of high academic standing enrolled in the journalism program and majoring in English.

The Howard L. Daughenbaugh Memorial Scholarship. For young women interested in careers in Christian Education and full-time Christian service.

The J. A. Davis Scholarship. For worthy students in need of financial assistance who rank high scholastically.

The Howard M. Elder Memorial Scholarship. For an entering freshman student affiliated with the Methodist Church. Preference given to education majors.

The Peggy Jean Elia Scholarship. For a deserving student in need of financial assistance.

The John B. Entrikin Scholarship. For a promising junior or senior majoring in chemistry with need for financial assistance.

The Ernest & Grace Ferguson Scholarship. For worthy students in need of financial assistance.

The Margaret W. Flournoy Scholarship. For worthy students in need of financial assistance.

The Dr. A. M. Freeman Scholarship. For a worthy Black student in need of financial assistance.

The Katherine J. French Memorial Scholarship. For a woman student of outstanding ability, majoring in English and intending to teach.

The Frost Foundation Scholarship. For business majors of superior academic ability who must maintain a 3.0 grade point.

The James Hill Fullilove Memorial Scholarship. For ministerial students in need of financial assistance.

The E. B. Germany Scholarship. For worthy students in need of financial assistance.

The Government Department Scholarship. For students majoring in government.

The Randy Greve Memorial Scholarship. For a student of high scholastic standing in need of financial assistance.

The David Philip Hamilton Scholarship. For worthy students majoring in science in need of financial assistance.

The James M. Hanson Scholarship. For worthy students in need of financial assistance.

The Dean Hardin Memorial Scholarship. For worthy students in need of financial assistance.

The Reginald H. Hargrove Memorial Scholarship. For a scholastically outstanding student in financial need.

The Harmon Memorial Scholarship. For students of high scholastic standing in need of financial aid.

The Mamie B. Hicks Scholarship. For piano students preferably from North Louisiana.

The David Franklin Hinton Memorial Scholarship. For an outstanding student majoring in biology or another pre-med subject.

The Amanda Howell Memorial Scholarship. For needy students of high scholastic standing.

The Ed E. & Gladys Hurley Scholarship. For worthy students in need of financial assistance. awarded by the Dean of the School of Music.

The Charles Moore Hutchinson Memorial Scholarship. For students in need of financial assistance.

The James T. Jones Memorial Fund. For worthy students in need of financial assistance with preference given to handicapped students.

The Jesse H. & Mary Gibbs Jones Scholarship. For worthy students in need of financial assistance.

The Joseph H. & Julia B. Jordan Scholarship. For students of high scholastic standing in need of financial assistance, with preference given to ministerial students.

The Junior Chamber of Commerce Scholarship. For the winner and top runners-up of the Miss Shreveport Pageant.

The Mr. & Mrs. J. R. Kavanaugh Scholarship. For worthy students in need of financial assistance.

The Lonnie B. & Nellie P. Kilpatrick Memorial Scholarship... For assistance to worthy students; first consideration being given to members of the families of employees of Kilpatrick Life Insurance Company of Louisiana and Kilpatrick's Rose-Neath Funeral Home, Inc.

The Joe O. & Edwin R. Lambert Memorial Scholarship. For ministerial students in need of financial assistance.

The Philip Lieber—First Federal Savings and Loan Association Scholarship. For students majoring in economics or business with high scholastic achievement.

The Louisiana Land and Exploration Scholarship. For students in need of financial assistance and of high scholastic achievement in the field of geology.

The J. S. McConathy Scholarship. For worthy students in need of financial assistance.

The Bruce McMillan, Jr. Foundation Scholarship. For full-time students in need of financial assistance with high scholastic achievement.

The Helen & Mark C. Magers Scholarship. For worthy students in need of financial assistance, with first preference given to Methodist ministerial students.

The Joe Mickle Scholarship. For worthy students.

The May Meadows Ministerial Scholarship. For worthy ministerial students of high scholastic standing, first consideration given to students from the Ruston District.

The Richard Alan Millar Scholarship. For worthy students in need of financial assistance.

The Hattie Lee Monkhouse Mellor Memorial Scholarship. For residents of Louisiana who maintain a "B" average and need financial assistance.

The Music Department Scholarship. For students majoring in music.

The Louis Leon Noel Trust Scholarship. For worthy students in need of financial assistance.

The John G. O'Brien Scholarship. For worthy students.

The Mae B. O'Brien Scholarship. For a worthy student in the field of music, awarded by the Dean of the School of Music.

The Melanie Jean Perot Memorial Scholarship. For a woman student in need of financial assistance who is working her way through college.

The William G. Phelps Memorial Scholarship. For a worthy student in need of financial assistance. Preference given to members of the Shreveport Broadmoor Methodist Church.

The Thomas A. Pitt Memorial Award in Bible. For an outstanding student of the Bible.

The Dr. W. Ferrell Pledger Honors Award in Sociology. For senior sociology major with highest GPA at graduation.

The G. W. Pomeroy Scholarship. For worthy students in need of financial assistance.

The Presser Foundation Scholarship. For an outstanding music major, preferably one who plans to teach.

The Reader's Digest Foundation Scholarship. For worthy students in need of financial assistance.

The Bell Ringgold Memorial Scholarship. For Louisiana students training to become teachers, with preference to students from Caddo Parish.

The Minnie K. Ringgold Memorial Scholarship. For a student in the School of Music in need of financial assistance.

The Peggy Rountree Memorial Scholarship. For an outstanding student in need of financial assistance.

The Saint Mark's Episcopal Church Scholarship. For deserving students, preference given to organ students.

The Selber Brothers Scholarship. For a student of high scholastic standing studying toward a baccalaureate degree in business.

The J. C. Sensintaffar Memorial Scholarship. For students from specified districts of the Louisiana Methodist Conference.

The Shell Assist Scholarship Grant. For a worthy student majoring in biology.

The R. E. Smith Award Fund. For an outstanding ministerial student.

The Rosa & Newton Smith Scholarship. For worthy students preference given to Black ministers working toward a degree.

The Mary Morel Steinau Memorial Scholarship. For a worthy student.

The Stewart Memorial Scholarship. For ministerial students.

The Maurice Tatum Scholarship. For worthy students in need of financial assistance.

The Dr. & Mrs. B. C. Taylor Scholarship. For students of outstanding scholastic achievement and in need of financial assistance.

The John O. Thompson Scholarship. For worthy students in need of financial assistance.

The William Tyrrell Scholarship. For worthy students with preference given to Afro-American students and students who demonstrate academic potential.

The United Methodist Scholarship. For active members of the United Methodist Church with high scholastic standing. A 3.0 grade point must be maintained.

The Universal Oil Products Scholarship. For upper class chemistry majors.

The E. Bernard Weiss Scholarship. For worthy students with preference given to pre-med students.

The Nena Plant Wideman Piano Scholarship. For incoming freshmen students required to play three numbers from three different periods in music history.

Employment

Some part-time work is available at Centenary College for those students who desire it. Those who can document a financial need may receive a College Work-Study award. Under this federal aid program, students are placed in campus jobs by the Financial Aid Office. Students may work up to 20 hours per week in this program, receiving monthly pay checks for the actual number of hours worked each month.

A limited number of part-time jobs are also available in the various departments and offices on campus for those students who wish to work but cannot qualify for jobs under the College Work-Study Program.

It is also possible for students to work in part-time jobs that are off-campus.

Grants

Centenary College participates in two federal and several state grant programs.

The Basic Educational Opportunity Grant is available to students who do not yet have a degree and who can document financial need. The amount of the grant varies, based on each applicant's financial resources. All students who think they might be eligible for this program are urged to submit the proper form which is available at high schools, libraries, and the Financial Aid Office.

The Supplemental Educational Opportunity Grant is awarded to those students who can document exceptional financial need. Supplement grants always are matched with other types of financial aid, usually loans or College Work-Study.

Students who are interested in receiving state grants should check with their local high school or with the State Department of Education in their state of legal residence.

Loans

Centenary College has several low-interest loans available to students. The federal National Direct Student Loan is available to students who can document need. The government pays the low interest while the student is enrolled. Minimum monthly payments of $30 begin eleven months after the student graduates or leaves the College.

Residents of Louisiana are eligible to apply for the Louisiana Guaranteed Student Loan. This low interest loan has its own academic and need requirements. Repayment is similar to that of the National Direct Student Loan.

Other loans are available through the Financial Aid Office with a variety of requirements and payment options.

Benefits for Veterans

Centenary College of Louisiana is approved to enroll veterans and sons and daughters of veterans. The laws which apply to educational benefits under the jurisdiction of the Veterans Administration are published in Title 38, United States Code.

Chapter 31 provides benefits for veterans with service-connected disabilities. Chapter 34 provides educational assistance to veterans and servicemen who have served on and after February 1, 1955. Chapter 35 provides benefits for sons and daughters of veterans or wives or widows of veterans who have died as a result of a service-incurred disability, or who have become permanently and totally disabled as a result of service-incurred injuries.

Persons entitled to V.A. educational benefits should make application to the appropriate V.A. Regional Office well in advance of the date they expect to enter college. Application forms are available in the Financial Aid Office, and those receiving V.A. benefits are encouraged to use this service. Monthly payments will not be made until a report of enrollment in the approved program has has been received by the Veterans Administration Regional Office in New Orleans, Louisiana. Any veteran who desires to participate in the V.A. "advanced payment" program should contact the Financial Aid Office.

Availability of Aid

Financial aid at Centenary College includes so many different types of assistance that no student should hesitate to contact the Financial Aid Office to see what might be available for him or her.

The Grand Marshal leads the seniors in academic procession

V
COLLEGE REGULATIONS

Admission to the College and attendance in classes are conditional upon acceptance of and compliance with the rules and regulations of the College as now established or hereafter revised. *It is the responsibility of the student both to know the rules of the College and to abide by them.*

The most important of these rules—those which constitute the very foundation upon which the educational program of the College rests—are contained in the Honor Code of Centenary College. As a condition of admission to and registration in the College, every undergraduate student must agree to comply wholly with the provisions of the Code. These provisions, along with other regulations governing College life are published annually in the student handbook known as **The Centenary College Student Handbook.** The Honor Court also periodically publishes a booklet containing explanations and interpretations of the Code and its implications. Campus parking and traffic regulations are published in another booklet available at the College Business Office.

For the smooth and orderly completion of the chosen academic program and the requirements of the degrees offered by the College, it is essential for the student to become entirely familiar with the contents of this Catalogue.

The course offerings, rules, regulations, and fees appearing in this Catalogue are announcements. They are not to be construed

as representing contractual obligations of Centenary College, which reserves the right to change its courses of instruction, fees, charges for room and board, and its general and academic regulations without notice should circumstances warrant in the judgment of the College.

Registration

All students are required to register for each session during the formal registration period designated by the College in the official Academic Calendar. Registration is complete when the appropriate cards and forms have been filled out properly and all financial arrangements made. A late fee of $10.00 will be charged for the completion of registration after registration day. No registration is permitted after the date specified in the Calendar as the "last day for enrolling or changing courses."

Change of Registration

After registration is completed, a fee of $5.00 is charged for any change of registration (i.e., for each course dropped, added or modified) not initiated by the College. A change is initiated by the College when the student is instructed to make the change by an instructor, his adviser, or the Dean of the College. Classes may be added only with the approval of the instructor and the Faculty adviser, and require the approval of the Dean of the College; this may be done only until the date designated in the Calendar. Classes may be dropped with the approval of the instructor, the adviser, and the Dean until the date designated in the Calendar as the "deadline for dropping courses without academic penalty." If a student drops a course after this day, he will receive a grade of "F" for the course. This same deadline applies to changing from "credit" to "audit" or vice versa and changing a regular registration to "Pass-Fail" registration or vice versa. Forms for initiation of course changes are available in the Office of the Registrar.

A student may change from one major or degree program to another at any time with the approval of both advisers concerned. Forms are available in the Office of the Registrar.

Withdrawal

If it should become necessary for a student to withdraw from the College, he must secure a form for this purpose and secure the permission of the Dean of the College. Permission will not normally be given except in case of emergency after nine weeks of the semester have elapsed. The student must discharge all financial obligations to the College and be cleared by the College Library in order to receive the Dean's approval. *Failure to attend classes does not con-*

stitute withdrawal, and if a student leaves the College without completing the withdrawal procedures, he will receive a grade of "F" in all courses in which he was registered and will forfeit any right to refund of fees.

Auditing Courses

Students classified as full-time by the College may, with the consent of the instructor, audit courses free of charge (except if in excess of 18 hours). If a student desires the audited course to be recorded on his transcript, he must register officially; otherwise, he audits by private arrangement with the instructor. Upon notification by the faculty member in charge of the course that the student did not actually attend, notation that the student audited the course will be stricken from his record without right of refund of fees.

Persons who are not Centenary students may also audit most courses in the College course-offering (exceptions are performance and execution courses such as those in theatre, art, and music) for a reduced tuition rate. Registration procedures are simplified for students in this program. Consult the Office of the Registrar for information.

Course Load

The normal course load is from fifteen to eighteen semester hours. Students on academic probation may not register for more than thirteen semester hours. Special permission must be obtained from the Dean of the College for any student to register for more than eighteen semester hours, and permission will not be given to any student to register for more than twenty-one semester hours. The normal course load for the summer session is six to nine hours; however, permission may be granted by the Dean for a maximum of twelve semester hours.

Course Sequence

Students who have received "F" in a course will not be permitted to enroll in a more advanced course in the same subject until they have repeated the course with a passing mark. It is possible, though not recommended, for a student who has failed the first half of a year course to enroll in the second half if he has the approval of the instructor and the Dean. Students who have received an "I" grade in a course may, with the permission of the instructor, enroll in a more advanced course in the same subject.

Class Attendance

The Centenary College Faculty and Administration believe that regular and systematic class attendance is an important and influential ingredient of the educational process at Centenary. It is the expectation of the College that students will place a high priority on this regular attendance.

It will be the responsibility of the individual professor to work out the detailed structure of attendance requirements as they relate to his classes, so as to implement the expectation of the College.

Students at Centenary College are responsible for mastery of material presented in the class sessions of the courses in which they are registered. Members of the Faculty are not expected to provide students who absent themselves from class without emergency reason with material (including examinations) covered in class. Faculty members are expected to inform the Dean of Student Services when students are absenting themselves from an excessive number of classes.

Because of V.A. regulations the Faculty must report to the Dean of the College and the Financial Aid Officer any veteran who is absent in excess of three times the number of scheduled class sessions per week. The Financial Aid Officer will notify the V.A. of the absences.

Chapel Attendance

By action of the Faculty, attendance at chapels and assemblies is not compulsory, and no credit is given for such attendance. Nevertheless, the College believes that participation in corporate worship and learning of theological and spiritual truths are integral to the education of the whole person, and strongly encourages regular attendance at the excellent programs presented in the College Chapel. Recognizing the value of the gathering of the Faculty, Administration, and student body as a campus community from time to time, the Faculty has established the period from 11:00 to 12:00 on Thursday as a period reserved for such gatherings for academic and religious purposes. No other meetings may be scheduled during this period, by either Faculty or students.

Examinations

All students are required to take the written examinations of from two to three hours' duration at the end of the semester in all courses except those in which the material covered does not lend itself to this type of measurement. An exception to this regulation is the senior candidate for a baccalaureate degree whose work is of "A" or "B" quality. In the *spring semester*, if the instructor of the course permits, he *may* be excused from the examination in that course.

Credit

Most courses at Centenary meet either three times a week for periods of 50 minutes each period or twice a week for periods of 75 minutes each. Carried successfully for one semester, such courses earn three semester hours each. Some courses such as laboratory sciences and activity courses such as physical education, musical

ensemble participation (e.g., choir, band), theatre productions and performances, forensics, etc., earn only one semester hour of credit for three class meetings a week.

Grading System

At the end of each semester, letter grades are given in each course. These grades, their general significance, and their equivalent quality points are as follows:

A — work of high distinction; four quality points per hour
B — above average work; three quality points per hour
C — average work; two quality points per hour
D — passing work, but below average; one quality point per hour
F — failing work; no credit, no quality points; hour credit counts as work attempted in calculating averages
P — the passing grade recorded when a student takes a course under the Pass/Fail system (see below); no quality points; the credit given is not used in calculating averages
I — Incomplete work, given only when **emergency** prevents the student from completing final examination or other concluding work of the course at the scheduled time. This temporary grade must be removed by completion within one semester of the time it is assigned, or it is automatically converted to a permanent "F"
W— Withdrawal; no credit, no quality points (See section entitled "Withdrawal".)

Each mid-semester instructors report to the Dean of the College all grades averaging below "C". These are not permanent grades, but are used as warnings that improvement is necessary. Both faculty advisers and students receive these deficiency reports; and students receiving such reports should immediately consult with their advisers.

Pass-Fail Courses

Students who have attained sophomore standing may register for courses in such a way that degree credit is earned but quality points are not assigned. The usual credit will be given if the course is successfully completed, but the grade will be recorded simply as "P," and the cumulative grade point average is not affected. If the course is not successfully completed, a grade of "F" is assigned and the cumulative average will reflect the failure.

With the exception of Interim and Internship courses, no more than 18 semester hours taken under "Pass/Fail" system may be counted toward graduation requirements. Courses may not be taken "Pass/Fail" in a student's major department except for Interim and Internships that are approved by the department.

Students should be aware of the fact that some graduate schools when reviewing transcripts may consider a grade of "P" as equivalent to a "C" grade.

Academic Probation

To be in good academic standing at Centenary the student must meet the following two requirements:

(1) Maintain a grade point average of not less than:
(totals refer to the number of hours attempted prior to completion of the current semester)

Less than 27 hours	1.6
27-59 hours	1.8
60 or more hours	2.0

(2) Pass a minimum of nine (9) semester hours each regular semester, except that first-semester freshmen are required to pass only six (6) semester hours.

A part-time student, registered for fewer than nine (9) hours, need meet only the minimum grade point average requirement.

A student may not normally remain on academic probation for more than two regular semesters. However, a student may be continued under academic probation for additional semesters if during the second and subsequent semesters under probation:

(1) a minimum of nine (9) semester hours are passed; **and**

(2) the total grade point average for the semester is a minimum of 2.3.

A student will neither be placed on nor removed from probation during a summer or interim semester.

During academic probation, the maximum course load is thirteen (13) hours for the regular semester, and six (6) hours for the summer session.

Academic Suspension

Suspension is automatic for the student who is placed on academic probation for a second regular semester and fails during this or a subsequent semester to:

(1) raise the over-all grade point average to 1.8 if less than 60 hours or 2.0 if 60 hours or more have been attempted; **or**

(2) pass a minimum of nine (9) semester hours and attain a grade point average of 2.3 for all hours attempted during the semester.

Suspension is for a minimum of one regular semester. A student under suspension may not count the summer or interim semesters as fulfilling the one-regular semester requirement, nor attend either the summer or interim while under suspension.

After this minimum period of suspension the student may apply

for readmission to the College. Readmission is not automatic, but if granted, the student is readmitted under academic probation.

Academic Dismissal

A student who has been suspended and readmitted on academic probation will be automatically dismissed in any semester in which:

(1) a grade point average is not achieved of 1.8 if less than 60 hours or 2.0 if 60 hours or more have been attempted; **or**

(2) nine (9) hours of work are not passed with a grade point average in all work of 2.3 or higher.

A student who is dismissed may not thereafter be admitted to nor attend the College.

Classification

A "regular student" or "full-time student" is defined as one enrolled in at least twelve semester hours of course work.

Regular students are classified as follows: freshmen are those with less than 27 semester hours; sophomores, those with 27 through 58 semester hours; juniors, those with 59 through 89 semester hours; seniors, those with 90 or more semester hours.

Repeating Courses

Students who have earned credit in a course may not repeat the course for degree credit. However, students who have earned a grade of "D" in a course may repeat the course to improve their mark. Credit is earned only once, but reflected twice in the total hours attempted; the two grades are both used in the calculation of cumulative averages.

Faculty Advisers

Each student at Centenary College is assigned a Faculty adviser whose duty it is to counsel with the student regarding his degree program, his vocational or professional interests, his course schedule for each session, and his progress toward graduation. Each Faculty adviser is available for frequent consultation, and will call his advisees to see him in case of deficient grade reports and for semester course program planning. Normally, however, it is the student's responsibility to seek advice when he needs it, and he should have no hesitancy in doing so at other than the required times of consultation.

A student normally stays with the Faculty adviser assigned to him as a freshman until he declares a major and his files are transferred to an adviser in his major department. However, a student may request the Office of the Registrar to change his adviser assignment at any time, and if another adviser can accommodate him, the change will be made.

The Faculty adviser must approve, by signature, each student's course program for each semester, including all changes in registration.

Professional and Career Programs

To effect its goals and purposes, Centenary strongly recommends that all students, usually by the beginning of their junior year, seek admission into a preprofessional or career program with an appropriate major.

The implementation of this program will include activities appropriate to the career choice of the student, such as:

internships;
independent study and research;
observation;
student teaching;
performance;
participation in seminars and career counseling, including contact with persons already established in the chosen profession.

Because of its small classes, the close relations between students and advisers, and the highly developed interaction between Centenary College and the Shreveport business and professional community, Centenary is eminently qualified to implement these activities.

Additionally, Centenary provides for expanded educational opportunities through the Interim program, foreign study and travel, and participation in programs associated with its sister institutions in the Southern College University Union (Oxford University British Studies, and the Oak Ridge Atomic Laboratory).

The Centenary experience also includes activities that parallel the academic major and career preparation — a coordinate curriculum that stresses college convocations, attendance at fine arts productions and exhibits, and special lecture series.

Major Fields

A student who is a candidate for a degree should declare a field of specialization (major) by the beginning of his junior year. Many students are accepted as majors by the several departments before they have reached that level. A major consists of courses within one department totaling from 24 to 45 semester hours, plus courses in one or more related subjects. Although there is no limitation on credit allowed for major and supportive hours, no more than 45 hours from any one subject area may be included within the total of 124 hours required for graduation.

Students transferring from other institutions may not transfer more than one half of the upper division courses required in the field of their major.

The College offers majors in accounting, art, biology, business, chemistry, Christian Education, economics, elementary education, engineering science, English, foreign languages (any combination of two of the following: French, German, Latin, and Spanish), French, geology, government, history, mathematics, music (education, performance, and sacred music), philosophy, physical education, physics, psychology, religion, sociology, Spanish, speech, and theatre.

An interdisciplinary major, called the "liberal arts" major, allows the student to broaden his field of concentration into three or four disciplines rather than the customary one. For information about this major, consult the Dean of the College. (See Section VI of this Catalogue.)

A student may change from one major or degree program to another with the approval of both advisers concerned. Forms for doing so are available in the Office of the Registrar.

Major and Degree Plan

As early as possible after deciding upon a choice of major field the student should, in consultation with his Faculty adviser, plan the remainder of his degree program, so that he may proceed in an orderly way to meet the requirements of his major and of the degree for which he is a candidate. The student is required to file his degree plan, approved by his adviser and endorsed by the Registrar, in the Office of the Registrar no later than the end of the semester preceding the one in which he expects to graduate. Most students find it expeditious to file a degree plan upon declaring a major.

Time Limit

If a student does not complete degree requirements within seven years after matriculation in this or another collegiate institution, he must complete an additional 12 semester hours at or above the 300-level in his major subject; except that a student who attempts to complete degree requirements entirely by part-time attendance may be exempted from this requirement on recommendation of his major department chairman.

Degree Requirements

To qualify for the baccalaureate degree at Centenary a student must:

1. Earn no less than 124 semester hours, six of which must be earned but no more than six may be earned during January Interim Studies, and no more than eight hours may be earned in activity courses such as physical education, music or choir. The last 30 semester hours required for graduation must be taken in residence.
2. Meet the basic requirements for the degree to be earned.

3. Meet all the requirements for a major field of study.

4. Maintain a quality point average of 2.0 or higher in all courses taken in the department of his major, and of 2.0 or higher in all work taken in the College.

5. Have filed a degree plan in the Office of the Registrar before the end of the semester preceding the one in which he expects to graduate.

6. Discharge all financial obligations to the College.

7. Meet the requirements of a Catalogue published in one year of his attendance and within five years of his proposed graduation.

8. Be present at the Commencement exercises to receive the degree conferred.

9. Complete English 101, Expository Writing. All entering freshmen, and all transfer students who do not offer transferable credit in English 101, are required to register immediately for English 101. *Any student who fails this course must register for it in each subsequent session until he has satisfactorily completed it.* Students whose native language is other than English should consult the Chairman of the English Department.

10. Complete General Education 101-102, Cultural Perspectives. Required of all freshmen and other entering students.

In addition, all candidates for bachelor of arts and bachelor of science degrees must satisfy the following curricular requirements:

1. Of the 124 semester hours offered in satisfaction of the graduation requirements, at least 30 must be numbered 300 or above.

2. At least nine semester hours from each of the following divisions of the curriculum, including at least three semester hours from each of the subdivisions:

I	II	III	IV
A. Sciences	A. Art	A. Religion	A. Government
B. Mathematics	Music	Philosophy	Economics
	Theatre	B. History	B. Sociology
	B. English and Foreign Literatures		Psychology

NOTE: The requirement in Division II.B may be satisfied by any course in English literature, and by any course in the Foreign Languages Department numbered Spanish 207, 208 and all courses numbered 300 or above.

NOTE: Not all courses may be used to fulfill the distributive requirements of section 2 above. No internship or practicum may fulfill distributive requirements. The following have been approved by the Educational Policy Committee for satisfaction of the requirement:

ART: 101, 102, 103-104, 105-106, 107, and 305.

BIOLOGY: All courses except 400.

CHEMISTRY: All courses except 400.
ECONOMICS: All courses except 301-302; note that only economics courses, not business courses, may be offered.
ENGLISH: All courses except 100, 101, 103, 104, 105, 106, 211, 307, 312, 313, 314, and 342.
FOREIGN LANGUAGES: All courses numbered 300 and above, except 400; Spanish 207, and 208.
GEOLOGY: All courses except 201, 302, 303, and 405.
GOVERNMENT: All courses except 203, 401, 402, 421, and 441.
HISTORY: All courses except 441.
MATHEMATICS: All courses except 223, 324, 400, and 401.
MUSIC: 111-112, 141-142, 143-144, and 170. (If 170, it must be four semester hours.)
PHILISOPHY: All courses.
PHYSICS: All courses.
PSYCHOLOGY: All courses except 203 and 221.
RELIGION: All courses except 203, 212, 301, 302, 308, 309-310, 313-314, 315-316, 317, 318, 410, 411, 413, and 414.
SOCIOLOGY: All courses except 203, 231, 314, and 410.
THEATRE/SPEECH: Only 111, 112, 250, 307, and 308.

Double Majors

A student who satisfies all requirements of more than one major may have both majors entered upon his transcript and diploma. However, a student who selects two major fields of study which involve more than one degree must select the degree and the major he wishes to appear on his diploma, but both degrees and majors will appear on his transcript. No student may receive more than one degree or more than one diploma at any Commencement.

Second Degrees

To qualify for a second baccalaureate degree, a student must present at least 30 additional semester hours, and must meet all distributive requirements and all requirements for a new major. At least 24 of the 30 semester hours must be taken in residence. The candidate must meet the requirements of the Catalogue of the year he enrolled for the second degree and must complete them within five years. No student is eligible for more than two undergraduate degrees at Centenary. Students who have earned one degree are not eligible for any institutional (scholarship and/or grant-in-aid) awards.

Interim Studies

Nearly every department of the College will from time to time offer a course or courses during the January Interim Studies Program, which are listed in the Catalogue as 1-99 with topics varying from year to year. The purpose of the program is the enrichment of the

liberal arts curriculum by concentrated study for a short period of topics of general or specialized interest not normally offered in courses. Many of the courses will involve study off the campus, either at other institutions or in the field. For example, past Interim offerings have included studies at Oak Ridge National Laboratories in Tennessee, outdoor education in Evergreen, Colorado, theatre tours to London and New York, study trips to Europe and South America, the ecology of vertebrates, mathematics and politics, unidentified flying objects, skiing at Aspen, a literary trip to Ireland and England, simulated society games, school law, pre-medicine internships with local doctors, pre-law internships with local lawyers and judges, Spanish and Spanish-American literature in translation, consumerism, Mark Twain and religion, humanistic psychology, repertory theatre, and many more. . .

Announcement of the courses to be offered will be made during the fall semester preceding the Interim, and registration for 1-99 courses will be held before the close of the fall semester. Junior and senior transfer students must complete one Interim Studies course. Freshmen and sophomore transfer students must have two Interim Studies courses. All non-transfer students must submit six semester hours of Interim credit for graduation. As set forth above, no more than six hours of 1-99 courses may be counted toward satisfaction of the minimum 124 semester hour requirement for the degree; but students who exceed the minimum may of course register for additional Interim Studies. Students may take only three semester hours during the Interim. Each course is designed to occupy the student's full time in class, study, research, and independent projects. Interim Studies courses cannot be used to fulfill distributive requirements. With the approval of a student's major department, Interim Studies courses may be used to fulfill a major requirement.

Honors Programs

Many academic departments at Centenary offer Honors Programs to interested students of outstanding ability. These programs have been designed by the different departments and approved by the Educational Policy Committee. They may include opportunities for independent study plus papers, research reports, and/or showings or public performances in the case of Honors work in the arts. To be eligible for admission to candidacy for Honors, a student must have attained a grade point average of at least 3.0 in both major and non-major subjects; have attained junior standing and at the time of admission to the program normally have earned more than half of his credits in work done in residence at Centenary; and have his candidacy for Honors approved by his major department and the Educational Policy Committee. To qualify for Honors a student must spend

a minimum of two semesters in the program and maintain an average of at least 3.0 in both major and non-major subjects.

Attainment of departmental honors through successful completion of this program does not supplant traditional graduation honors (see below). Thus a student may graduate "Bachelor of Science with Honors in Mathematics magna cum laude," or "Bachelor of Arts with Honors in English," or "Bachelor of Science in Biology summa cum laude."

Interested students should consult the chairman of their major department for specific information.

Special Program for Independent Study

A student who completes his first year of full-time study with a grade point average of at least 3.0 may apply for permission to design the remainder of his degree program within the guidelines of the

Senator Margaret Chase Smith (r) looks at the Audubon animals collection in the Magale Library.

Special Program for Independent Study. Application for admission to this program is made to the Educational Policy Committee. Admission to the program requires that during his freshman year the student must have demonstrated evidence of sufficient self-discipline to perform in a program of this type and have displayed an interest beyond that of the ordinary student by, for example, completing work beyond the regular class assignments and requesting supplemental reading in particular areas of the course. If the Committee approves the student's application, it will appoint a supervisory committee consisting of the Dean of the College, one member from each of the three academic divisions and a member from the department of the student's major interest. The student will work with this committee for the remaining three years of study. He will not be subject to any further distributive requirements, nor the requirements of any regularly constituted major, except as his supervisory committee may direct.

More information about the program may be obtained from the Educational Policy Committee or the Dean of the College.

Graduation Honors

The bacealaureate degree is awarded with special distinction to graduating seniors with cumulative averages of 3.5 or better. Candidates with averages between 3.5 and 3.69 are graduated cum laude, those with averages between 3.7 and 3.89 magna cum laude, and those with averages 3.9 and above, summa cum laude. If a student has attended another institution and on the basis of work done at Centenary would be eligible for graduation honors, the Registrar will compute the overall average of all work attempted at Centenary and elsewhere to determine eligibility for graduation honors. If the overall average is higher than the Centenary average, the Centenary average will be used to determine which honor is given.

English Proficiency

In the evaluation of all academic exercises the quality of English used by the student will be considered. Every student in every course is expected to use English that is grammatically correct and logically sound. Failure to meet recognized standards of English composition may result in a lower grade in any course.

Academic Petitions

All academic regulations are formulated by the Faculty to serve the best educational interest of the greatest number of students. Centenary College takes pride in its ability to serve the individual needs of its students, and its Faculty has therefore established a Committee on Academic Petitions to hear the requests of students for exception to, or waiver of, academic regulations that seem inimical to

their academic needs. Forms for filing a petition may be obtained in the Office of the Registrar and should then be given to the Dean of the College.

Correspondence Credit

Centenary College does not offer correspondence courses, but a limited amount of elective credit may be earned by correspondence study with accredited colleges and universities. Centenary will accept only those courses which the college or university offering the correspondence study will accept toward its own baccalaureate degree. Neither courses in the student's major field nor courses offered in satisfaction of distributive requirements may be taken by correpondence.

Taking of courses by correspondence for Centenary credit is permitted only by special arrangement with the Dean of the College, and students taking such courses may have to pass a special examination at the Dean's discretion or that of the chairman of the department in which the student is majoring.

Summer Sessions

Students who plan to attend summer school elsewhere and to transfer the credit to Centenary need not have formal permission to do so, but are advised to consult their Faculty advisers and/or department chairmen with regard to the courses proposed. Students are specifically warned that Centenary is reluctant to grant transfer credit for courses taken at junior colleges which are numbered as upper-division courses at Centenary.

English Institute of the University of Aarhus

The Department of English at Centenary College offers the student the opportunity to participate in foreign study. Through the unique exchange program between Centenary and the English Institute of the University of Aarhus, Denmark, students can spend the spring semester in Denmark. Through this program, students and professors from both institutions exchange places, which gives the participating Centenary students the opportunity not only to study at a leading European university, but to live in Denmark for several months and to travel throughout the rest of Europe. Students earn credit at Centenary College for courses completed at the University of Aarhus.

British Studies at Oxford Program

Centenary students may also participate in the British Studies at Oxford program during the summer. Each year a different period of Britain's historical and cultural development is studied under the

direction of some of England's leading scholars. Students live and study at University College, Oxford, and have the opportunity to travel throughout England. Students who successfully complete this program receive course credit from Centenary.

Washington Semester Program

Certain selected students are permitted to spend one semester of their junior year at the School of Government and Public Administration of The American University in Washington, D.C. The purposes of the program are to provide an opportunity for students to observe their government in action, to perform individual research under careful supervision, and to exchange ideas with students from many other institutions. Each participating student works on an individual project selecting three courses to complete his program. Projects and courses are chosen in consultation with the faculty adviser, and full credit for the semester is granted by Centenary. Students interested in this program should consult the Department of History and Government.

Monterrey Summer Session

Students of Centenary are eligible to apply for admission to the summer session at the Instituto Tecnologico in Monterrey, Mexico. Six semester hours of college credit may be earned in any level of Spanish, history, economics, sociology, and other subjects. The Instituto is accredited by the Southern Association of Colleges and Schools. Application forms may be obtained from the Department of History and Government.

Oak Ridge Semester

A semester of study and research at Oak Ridge National Laboratory is available to qualified science students through the joint sponsorship of Southern College University Union and the Energy Research and Development Administration. The Oak Ridge semester begins in early January and lasts 16 weeks. The program is open to junior or senior majors in mathematics, chemistry, physics, biology and economics.

VI
COURSES OF INSTRUCTION

Centenary College offers three degree programs, one leading to the Bachelor of Arts, one to the Bachelor of Science, and a third to the Bachelor of Music.

B.A. degree programs include the following majors:

- Art
- Chemistry
- Christian Education
- Economics
- English
- Foreign Languages (any major-minor combination of French, German, Latin and Spanish)
- French
- Government
- History
- Liberal Arts
- Mathematics
- Music
- Philosophy
- Physics
- Psychology
- Religion
- Sociology
- Spanish
- Speech
- Theatre

B.S. degree programs include majors in the following:

- Accounting
- Biology
- Business
- Chemistry
- Elementary Education
- B.S., B.A. combined degree in Engineering
- Geology
- Mathematics
- Physical Education
- Physics

B.M. degree programs include the following majors:

Performance
Music Education
Sacred Music

Every departmental major at Centenary offers background for careers, and each student, even one without a fixed career objective, is encouraged to counsel with professors in the chosen department to learn of the professional and preprofessional opportunities available to a graduate with the particular major.

Because career and preprofessional preparation are a central part of a Centenary education, the College offers programs specially designed to provide each student training in his chosen field so that he will have, upon graduation, a choice of options such as additional professional training in a business or industry, graduate study, or direct entry into a career or profession.

Certain programs are designed to prepare the student for graduate and professional school. The following is a representative sample of the programs:

pre-medical
pre-dental
pre-legal
pre-business administration
pre-social work
pre-theological
pre-computer science
pre-forestry
pre-engineering
ancillary medical careers
college teaching
others

In support of some of these programs, Centenary, in cooperation with Columbia University, Stanford University, Louisiana Tech University, Texas A & M University, the University of Arkansas, and Tulane University, offers the "three-two" program in liberal arts and engineering science (known also in the Columbia relationship as the "Combined Plan"). Under this program, students pursue concentrated studies in the liberal arts and sciences at Centenary for three years, followed by two years' professional work at the chosen institution. At the end of the five years of study, the B.A. degree from Centenary and the B.S. degree in engineering at the cooperating institution are simultaneously awarded.

An additional "three-two" program is available in cooperation with the Duke University School of Forestry. Under a coordinated and integrated program of studies in liberal arts and basic sciences at Centenary for the first three years, the next five semesters are spent in the Duke School of Forestry. Upon successful completion of the professional program of study, a student will have earned the B.S. in biology from Centenary and the Masters of Forestry from Duke.

The College also offers "three-one" programs for students interested in the study of medicine or medical technology. Under

these plans, the student may complete all major and general education requirements in three years of study at Centenary and upon successful completion of one year of medical studies or medical technology, the B.S. degree is awarded by the College.

Students interested in the "three-two" engineering program should consult the Chairman of the Department of Physics. Those interested in the "three-two" pre-forestry program and the "three-one" medical program should consult the Chairman of the Biology Department. Pre-law students should confer with the Chairman of the Department of History and Government; and those considering the pre-theology program in preparation for the ministry or other church vocations should see the Chairman of the Department of Religion.

Other programs are designed to prepare students for entry into a career immediately upon graduation. Some typical career programs open to students are:

general business
accounting
early childhood teaching
secondary teaching
elementary teaching
teacher-coach
church careers
performing arts
others

Students who do not wish to concentrate in a single discipline, or who do not have clearly defined career goals, may elect to major in the "Liberal Arts," and under the guidance of a Faculty committee select three or four departments in which they will complete the requirements of their major. In addition to the general distributive requirements, such students must complete work in a foreign language through the intermediate level and forty-eight hours in the three or four major departments selected with a minimum of twelve hours in each of the departments. These departments must represent more than one of the academic divisions of the College. Twenty-four of the major hours must be at the 300 level or above, and none of the forty-eight may be used to fulfill distributive requirements.

The student wishing to pursue the B.A. degree in Liberal Arts must apply to the Dean of the College for admission.

EXPLANATION OF COURSE LISTINGS

On the following pages is a complete listing of the courses offered at Centenary College. In addition, a schedule of classes is published during the semester before each registration period which lists all sections of all courses to be offered during the succeeding session, together with the hour, day, and place of meeting, and generally the instructor in charge of each section.

Courses are numbered according to the class-year in which each is generally most profitably taken: 100-199 for freshmen, 200-299 for sophomores, 300-399 for juniors, and 400-499 for seniors.

This is not an absolute restriction, but students wishing to take courses numbered higher than their current classifications should see the chairman of the department concerned. Courses with numbers beginning with zero carry no college credit.

Unless otherwise specified in the course description, courses normally offered in the fall semester bear odd numbers, while those offered in the spring semester carry even numbers. Courses with a single number are one-semester courses; those with double numbers are years courses.

Courses organized so that the student may enroll in and receive credit for either half, or in either order, have double numbers separated by a comma: 205, 206. Year courses in which the first half is prerequisite to the second have double numbers separated by a hyphen: 205-206. Two-semester courses so closely integrated that both halves must be successfully completed before credit may be received in either have double numbers separated by hyphens and enclosed in parentheses: (205-206).

To earn three hours credit, the student normally spends each week three 50-minute periods in the classroom, or two or three such periods and three or more hours in the laboratory. The Faculty has designated certain activity-type courses, in music, theatre, physical education, etc., as one semester hour courses. No more than eight hours earned in such activity-type courses may be credited toward the basic degree requirement.

In the following listing of courses of instruction, the number of semester hours awarded for the course is specified to the right of the course title. In the offerings of the natural science departments, the number of weekly hours of class work and laboratory is shown in parentheses at the end of the description: (3-3) indicates that the course requires three hours of lecture-discussion and three hours of laboratory work each week of the semester.

ART

Professor Cooper, *Chairman*
Lecturer: Horner

Major Requirements

The Art Department is an integral part of the liberal arts program, and is not intended to take the place of a professional art school, but rather to furnish a broad background of basic knowlege in order to increase the possibility of full expression. The goal of the department is to give the student sound training in drawing, painting, art history, and technique, and to encourage creative thinking and productivity.

A major in art must take 38 semester hours in the department, including the following studio courses which should be taken consecutively: 103-104, 203-204, 303-304, 401-402 and 403. The remaining departmental courses are taken in art history (101-102), the graphic arts (301), and materials and techniques (307). In addition, Philosophy 205 (Esthetics) and a foreign language through the intermediate level (202) are required.

01. Ceramic Jewelry **0**
Pouring, glazing, and firing ceramic jewelry and some instruction in the use of a press mold. Offered in the evening hours.

101. Survey History of Art **3**
An historical survey of painting, architecture, and sculpture from prehistoric times through the Middle Ages.

102. Survey History of Art **3**
A history from the Italian Renaissance to the contemporary schools in Europe and the United States.

103-104. Art Fundamentals **3-3**
Basic training stressing draftsmanship and the elements of two and three dimensional design. Drawing done in black and white and in color. Compositions are brought in for a weekly criticism class. This course, or its equivalent, is prerequisite to all advanced studio courses. Six studio hours a week.

105-106. Introduction to Art **3-3**
A beginner's course for students whose field of concentration lies in other departments and who have had no previous training in art. Not open to art majors or those who have had 103-104. Six studio hours a week.

107. Art Appreciation **3**
Arts of the past and present studied in relation to their social and cultural backgrounds. No credit toward an art major.

201. Selected Topics **3**
Prerequisite: Permission of the Chairman of the Department. Courses which deal with different topics or problems each semester (e.g., artists, styles, historical periods, studio problems, etc.).

203-204. Advanced Drawing and Composition **3-3**
The essentials are still stressed with more experiments with different media and methods of expression. Outside compositions done for a weekly criticism class. Six studio hours a week.

205-206. Advanced Painting in Water Colors 3-3
Six studio hours a week.

207. Art for the Elementary Teacher 3
A development of basic skills in handicrafts, basic concepts, and techniques in art. Especially helpful for the elementary school teacher, but not limited to teachers. Open to anyone, with instructor's approval.

208. Interior Design and Decoration 3
An historical survey of interior design from ancient Egypt to the present day, with special emphasis on the styles and trends of each of the well-known periods. The course is primarily academic, but some laboratory work is required.

209. Commercial Art 3
Offered in the evening hours.

210. Crafts for Children 3
The prospective teacher is trained to nurture creativity in children through guided exploration of the media, tools, and techniques of the various handicrafts.

211. Ceramics 3
Basic clay techniques including the design and creation of a variety of pottery forms by hand and wheel methods, along with practice in kiln loading and firing. Six studio hours a week.

215. Weaving 3
The basic methods of non-loom and loom weaving, including instructions in various fibers and hand spinning. Six studio hours a week.

217. Jewelry and Metalsmithing 3
Basic silversmithing techniques: soldering, sawing, filing, working with silver or copper, and stone setting. Students will design and make various kinds of jewelry. Six studio hours a week.

301-302. Printmaking 3-3
Prerequisite: Art 204 or instructor's approval. A study of the processes involved in the making and printing of etchings, woodcuts, linoleum block prints, and lithographs, with lecture and studio practice. Three hours a week with outside work.

303-304. Painting 3-3
Proficiency in the use of oil paints is regarded as basic, but the student is encouraged to experiment with other media. Outside compositions will be brought in each week. Six studio hours a week.

305. History of American Art 3
The cultural and artistic development of our nation over the last 400 years as expressed in painting, sculpture, architecture, graphic arts, the decorative arts, and city planning.

307. Materials and Techniques 3
Prerequisite: 204 or instructor's approval. A systematic study of the less common methods of painting, including encaustic, polymer, egg-tempera, casein, and plastics, and an examination of the techniques of some of the old masters. Lecture, studio, and outside work.

401-402. Advanced Painting 3-3
During the final year the student is encouraged to develop a personal philosophy of painting. Instruction will depend largely upon the needs and natural inclinations of the individual student. Each student will have a Senior Exhibit of his best work. Outside compositions will be brought in each week. Six studio hours a week.

403. Art Seminar 2
Prerequisite: Instructor's approval. A review of the history of art, and the facts and principles which are emphasized in all the courses required for a major in art. Second semester.

421-422. Independent Study in Art 1-6
Open to qualified art majors. Work may be done in research and reading, or in painting. The student will follow a work plan arrived at in cooperation with the Chairman of the Department, and must consistently furnish evidence of seriousness of purpose.
I-99. Interim Studies 3
Special topics offered in the January Interim.

BIOLOGY

Assoc. Professor McPherson, *Chairman*
Professor: Wilkins
Associate Professor: Liles

Major Requirements

Courses in this department are designed to emphasize the cultural values of the life sciences and to apply biological concepts in terms of man. The program provides a broad background for the future biologist, as well as the non-science student. Classroom and laboratory experiences are complemented by the various off-campus opportunities designed to prepare students for graduate study in biology or for the numerous professions related to this field.

All students enrolling in the department must complete Biology 101-102, 111-112 as a prerequisite for all other coursework in biology. Majors must take 36 semester hours in biology, of which 16 semester hours must be from courses numbered 300 or above. Supporting courses that are required for the Bachelor of Science Degree include Mathematics 108 and 201; Chemistry 201-202; Chemistry 211-212; and Physics 108-209. Those seeking admission to graduate and professional schools (medicine, dentistry, veterinary medicine, and optometry) should consult with their adviser regarding additional requirements in Chemistry 301 and 311; Physics 118-219; and foreign languages.

High school graduates who have completed advanced courses in high school biology and who have taken Advanced Placement or CLEP tests should meet with the department chairman to consider modified programs based on their achievement scores.

101-102. Principles of Biology 3-3
(Labs must be taken with course)
A study of the general principles and phenomena common to both plants and animals. The following topics are considered: the cell concept; physical and chemical bases of metabolism; morphology and developmental history of representative plants and animals; patterns of behavior; evolutionary processes and genetic mechanisms; and ecological associations. (3-3)

111-112. Principles of Biology Laboratory 1-1
Prerequisite: Concurrent registration in or credit for appropriate lecture course, 101 or 102. Lecture sections may not be taken without laboratory unless

previous credit for laboratory has been obtained. The laboratory work is designed to reinforce biological concepts by application of the scientific method.

201. Plant Morphology 4

A phylogenetic study of plants from the simpler to the more complex, specialized forms. Comparison of plants through the ages, emphasizing relationships of living and fossil forms, reproduction and development of the plant body. (3-3)

202. Plant Taxonomy 4

A course in the identification and classification of plants native to this area or found in local cultivation. (3-3)

203. Comparative Anatomy 4

A comparative study of the vertebrate systems and their phylogenetic development. Dissections are made of the shark, mudpuppy, and cat. (2-6)

204. Embryology 4

Gametogenesis, fertilization, and early embryonic development of chordates; vertbrate ontogeny as seen in the chick and pig. (3-3)

217. Human Anatomy and Physiology 4

A study of the anatomy and physiology of man. Emphasis is placed on homeostatic regulation in the human body. A basic course designed for students interested in physical education, medical technology, physical therapy, and nursing.

302. Microtechnique 4

Methods of preparing tissues for microscopic study. Alternate years . (2-6)

304. Invertebrate Zoology 4

The taxonomy, morphology, physiology, and life histories of the invertebrate animals. Yearly. (3-3)

305. Ecology 4

Prerequisites: Chemistry 101-102; Chemistry 111-112. A study of the interrelations of living things with reference to their non-living environment. (3-3)

306. Microbiology 4

Prerequisites: Chemistry 101-102; Chemistry 111-112. A general survey of microorganisms and their role in nature. The laboratory studies bacterial form and function, as well as practical aspects of food preservation, water purification, and industrial processes. Patterns of disease in terms of bacteria, fungi, and virsus are considered. Alternate years. (3-3)

311. Physiological Psychology 3

Offered yearly. (Same as Psychology 311.)

313. Genetics 4

The fundamental concepts of heredity with consideration given to both modern and classical genetics. Microorganisms, as well as Drosophilia, are used in the laboratory to acquaint the student with the procedures and techniques used by the geneticist. (3-3)

321. Biochemistry I 3

Prerequisites: Chemistry 202, 212. A study of the organic, physical, and structure-function relationships of biomolecules and their catabolic processes. (Same as Chemistry 321.)

322. Biochemistry II 3

Prerequisites: Chemistry 202, 321. A study of biochemical systems and the relation of biochemical functions to molecular structure. Offered yearly. (Same as Chemistry 322.)

395. Selected Topics 3-4

Prerequisite: Depends upon topic. A detailed study of an area of Biology not normally covered in regular courses. May be repeated once for credit when a different topic is studied.

398. Colloquium, Oak Ridge Semester 1

Prerequisites: Junior standing and admission by SCUU Selection Committee. A program of speakers on a variety of scientific and social issues presented by staff at Oak Ridge National Laboratory under supervision of resident SCUU Faculty. (Same as Chemistry 398/Math 398/Physics 398)

399. Research, Oak Ridge Semester 1-6

Prerequisites: Junior standing and admission to the program by the SCUU Selection Committee. Research performed through participation in the SCUU-Oak Ridge Semester Program under supervision of senior staff at Oak Ridge National Laboratory. (Same as Chemistry 399/Math 399/Physics 399)

400. Internship 3

Prerequisites: Junior standing and approval of the department Faculty. Assignments in an applied biological work experience will involve a minimum of 120 hours. A final oral presentation and written summary of the semester's work are required. Offered on demand.

402. General Physiology 4

Prerequisites: Biology 203, Chemistry 202, Chemistry 212. Fundamental principles of cellular and organismal physiology. Primary emphasis is given to the interactions among the respiratory, cardiovascular, nervous, and endocrine systems in man. Alternate years. (3-3)

404. Mycology 4

Prerequisites: Biology 201, 313, and 321 strongly recommended; or consent of the instructor. An investigation of the biology of fungi, including their structure, taxonomy, physiology, genetics, ecology and importance to man. Alternate years.

406. Histology 4

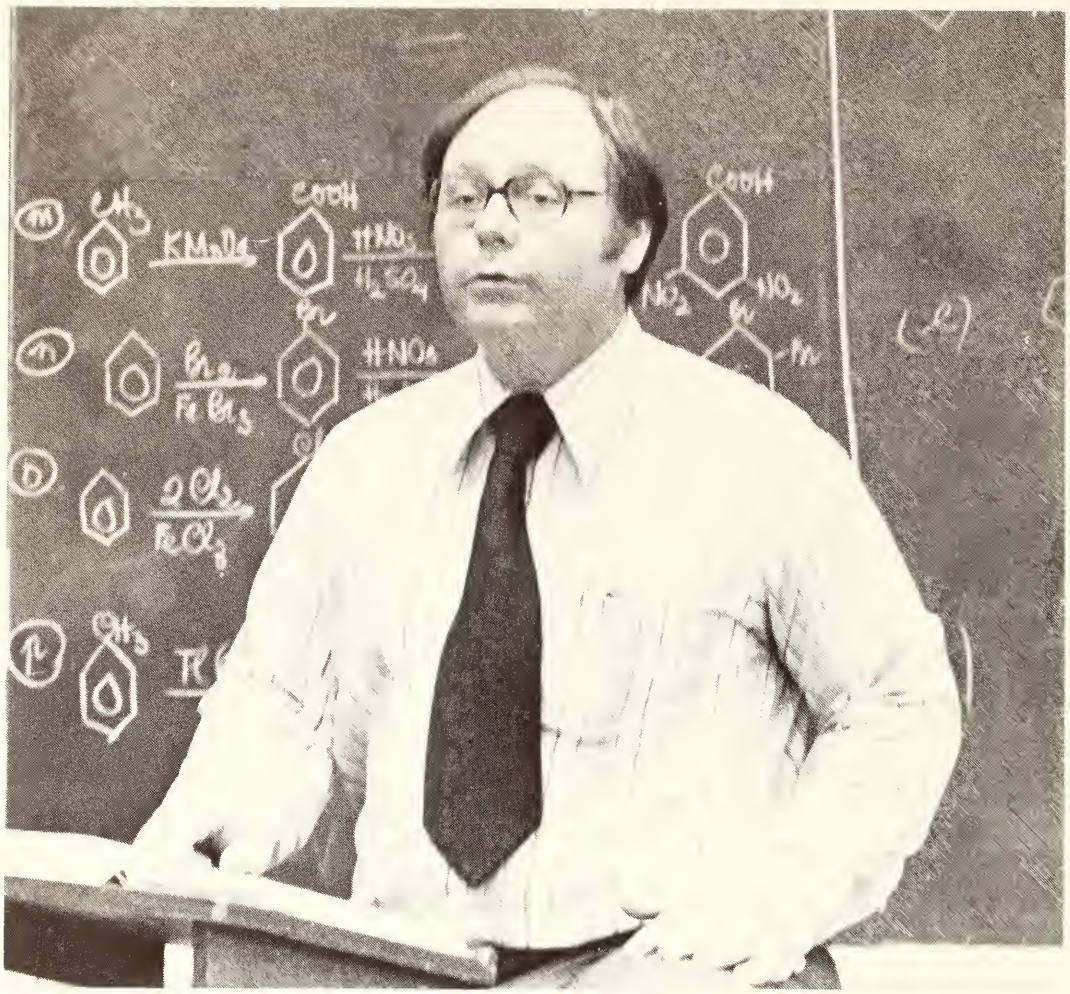
Prerequisite: Biology 203 or 217. Microscopic study of the tissues and organs of the human body. Alternate years. (2-6)

409, 410. Independent Study 1-6

Prerequisite: 20 semester hours of biology. Each candidate must submit a written proposal for departmental approval in advance of their intention to register for this type of study. Experimental work on an assigned problem. A final written report and oral presentation are required.

I-99. Interim Studies 3

Special topics offered in the January Interim.



CHEMISTRY

Professor Hanson, *Chairman*
Professor: S. A. Taylor
Associate Professors: C. B. Lowrey, Seidler

The Chemistry Department offers a program of sufficient flexibility to serve three types of students: (1) those who wish to prepare for a career in chemistry and serve in industry and those who wish to prepare for advanced studies in chemistry; (2) those who expect to use chemistry in other occupations or professions; (3) those who desire chemistry for a broader background in science and an introduction to the scientific method of thought.

The Centenary College Chemistry Department is one of a number approved by the American Chemical Society for the training of chemists.

Students who are interested in chemistry as a career and those who intend to pursue advanced studies should elect the program leading to the Bachelor of Science Degree and, in addition, take those courses which meet the standards recommended by the American Chemical Society for the professional training of chemists. Those who do not plan to pursue advanced studies but who are interested

in a field where a sound knowledge of chemistry is required may elect the program leading to the Bachelor of Science Degree.

As an alternative to the B.S. Degree, the Chemistry Department offers a program leading to the Bachelor of Arts Degree with a major in chemistry. Students who desire a pre-professional background which prepares them for further studies in such areas as medicine, dentistry, veterinary medicine, law, business, or secondary education may elect the program leading to the Bachelor of Arts Degree. There is sufficient flexibility in the B.A. program so that a student who is interested in combining a business career with a chemistry background may do so with the proper choice of electives in the business and economics area.

High school students should note that their likelihood of success in any of these programs is greatly enhanced if their high school studies include chemistry, physics, two years of algebra and trigonometry, and one year of advanced mathematics.

Once a student enrolls in one of the programs, he is cautioned that certain chemistry (and other) courses must be taken in an appropriate sequence. Failure to observe the sequence may result in course scheduling difficulties and lead to a delay in graduation.

High school students who have had the equivalent of college level courses in chemistry or who have made acceptable scores on Advance Placement or CLEP tests should consult with the Department Chairman about modification of their plan of study.

Departmental Honors in Chemistry

In order for a student to be considered for admission to the Departmental Honors Program in Chemistry, he must meet the general College Requirements for admission to such programs.

Major Requirements

Bachelor of Science (American Chemical Society Accredited):

Chemistry Courses: General Chemistry 101, 102, 111, 112; Organic Chemistry 201, 202, 211, 212, Analytical Chemistry 301, 311; Physical Chemistry 351, 352; Instrumental Analysis 392; Inorganic Chemistry 401, 411; Organic Synthesis 421; two advanced courses selected from chemistry, physics, or mathematics; Chemistry Seminar 440.

Supportive Courses: Physics 108, 118, 209, 219, 211; Mathematics through 202. A reading knowledge of German is recommended for those intending to pursue graduate studies.

Bachelor of Science:

Chemistry Courses: General Chemistry 101, 102, 111, 112; Organic Chemistry 201, 202, 211, 212; Analytical Chemistry 301, 311; Physical Chemistry 351, 352; Instrumental Analysis 392; Chemistry Seminar 440; two additional chemistry courses numbered 300 or above.

Supportive Courses: Physics 108, 118, 209, 219, 211; Mathematics through 202. One year of foreign language is recommended.

Bachelor of Arts:

Chemistry Courses: General Chemistry 101, 102, 111, 112; Organic Chemistry 201, 202, 211, 212; Analytical Chemistry 301, 311; Physical Cremistry 351, 352 or Chemistry 321, 322, 324; Chemistry Seminar 440.

Supportive Courses: Physics 108, 118, 209, 219; Mathematics through 201; one year of foreign language.

101-102. General Chemistry 3-3

First semester: A study of the principles of stoichiometry, chemical thermodynamics, the physical properties and behavior of gases, and an introduction to atomic and molecular structure.

Second semester: A study of the chemistry of the elements, and of the quantitative aspects of chemical equilibrium. Yearly.

111-112. General Chemistry Laboratory 1-1

Prerequisite: Concurrent registration in or credit for the corresponding lecture course, 101 or 102. Laboratory work designed to accompany Chemistry 101-102. Work includes a study of the techniques and applications employed in chemical investigations. Laboratory exercises in the second semester include selected gravimetric and volumetric analyses, and a study of selected inorganic qualitative analyses. Yearly. (3 laboratory hours a week.)

105. Chemistry, Science and Man 3

A course which examines the relation of science, chemistry in particular, with other enterprises of the human spirit—education, society, government, philosophy, and technology—and considers some of the complicated problems which these relations pose.

115. Chemistry, Science and Man Laboratory 1

The laboratory work involves individual or group projects, experiments, demonstrations, or seminars. All work is designed to accompany the lecture.

201-202. Organic Chemistry 3-3

Prerequisites: Chemistry 102, 112. A study of the chemistry of organic compounds. These studies are based on molecular structure, the properties due to functional groups, and the mechanisms by which reactions occur. Yearly.

211-212. Organic Chemistry Laboratory 1-1

Prerequisite: Concurrent registration in or credit for the corresponding lecture course 201 or 202. The laboratory work is on a semi-micro scale. The second semester includes introductory qualitative organic analysis. Yearly. (3 laboratory hours a week.)

301. Analytical Chemistry 3

Prerequisites: Chemistry 102, 112, and Mathematics 201. A study of the theory of analytical separations and the principles and methods of quantitative chemical analysis, with emphasis on the application of equilibrium theory to analytical problems. Yearly.

311. Analytical Chemistry Laboratory 2

Prerequisite: Concurrent registration in or credit for Chemistry 301. Laboratory work dealing with the various separation and purification techniques and with gravimetric, volumetric, potentiometric, and colorimetric methods of analysis. Yearly. (6 laboratory hours a week.)

321. Biochemistry I (Same as Biology 321) 3

Prerequisites: Chemistry 202, 212. A study of the organic, physical, and structure-function relationships of biomolecules and their catabolic processes.

322. Biochemistry II (Same as Biology 322) 3
Prerequisites: Chemistry 301, 321. A study of biochemical systems and the relation of biochemical functions to molecular structure. Yearly.

324. Biochemistry II Laboratory 1
Prerequisites: Chemistry 301, 311 and credit for or concurrent registration in Chemistry 322. Laboratory study designed to demonstrate biochemical techniques and methodology. (0-3-1)

351-352. Physical Chemistry 4-4
Prerequisites: Concurrent registration in or credit for Chemistry 301, 311, Mathematics 202, and Physics 211. Principles of theoretical chemistry with emphasis on thermodynamics, chemical kinetics, electrochemical systems, and atomic and molecular structure. Laboratory work includes physiochemical measurements and laboratory experiments which confirm and amplify the principles of theoretical chemistry. Yearly. (3 laboratory hours a week.)

392. Instrumental Analysis 4
Prerequisite: Concurrent registration in or credit for Chemistry 352. A study of the theory and application of instrumental methods for separation and analysis. Emphasis is on spectrometric, electrochemical, and chromatographic methods. Yearly. (2 hours lecture, 6 laboratory hours each week.)

395. Selected Topics 3
Prerequisites: Junior standing and consent of the instructor based upon adequate preparation in chemistry, physics, and mathematics. A detailed study of an area of chemistry not normally covered in the regular chemistry courses. Topics may include organic reaction mechanisms, hetrocyclic chemistry, nuclear chemistry, environmental chemistry. May be repeated once for credit when a different topic is offered. Offered on demand.

398. Colloquium, Oak Ridge Semester 1
Prerequisites: Junior standing and admission by SCUU Selection Committee. A program of speakers on a variety of scientific and social issues presented by staff at Oak Ridge National Laboratory under supervision of resident SCUU Faculty. (Same as Biology 398/Math 398/Physics 398)

399. Research, Oak Ridge Semester 1-6
Prerequisites: Junior standing and admission to the program by the SCUU Selection Committee. Research performed through participation in the SCUU-Oak Ridge Semester Program under supervision of senor staff at Oak Ridge National Laboratory. (Same as Biology 399/Math 399/ Physics 399)

400. Chemistry Internship 3
Prerequisites: Junior standing and recommendation of the Chemistry Department Faculty. Work in an industrial or research laboratory for a minimum of 120 hours. A written and oral report on the work conducted is required. Offered on demand.

401. Advanced Inorganic Chemistry 3
Prerequisite: Chemistry 352. A systematic study of the chemistry of the elements and their compounds based upon physical-chemical concepts. Yearly.

411. Inorganic Preparations 1
Prerequisite: Concurrent registration in or credit for Chemistry 401. Preparation, purification, and characterization of selected inorganic compounds according to different types of synthetic techniques. Yearly. (3 laboratory hours a week.)

421. Organic Synthesis and Analysis 2
Prerequisites: Chemistry 202, 212 and 392. A study of selected organic synthesis methods and analysis of the products by modern instrumental techniques applicable to research in organic chemistry. (0-6-2)

431. Advanced Analytical Chemistry **3**

Prerequisites: Chemistry 392. Primary a laboratory course which applies the fundamental principles of analytical chemistry to the separation, purification, identification, and quantitative analysis of organic, inorganic, and metallo-organic substances and mixtures. Offered on demand. (1-6).

440. Chemistry Seminar **1**

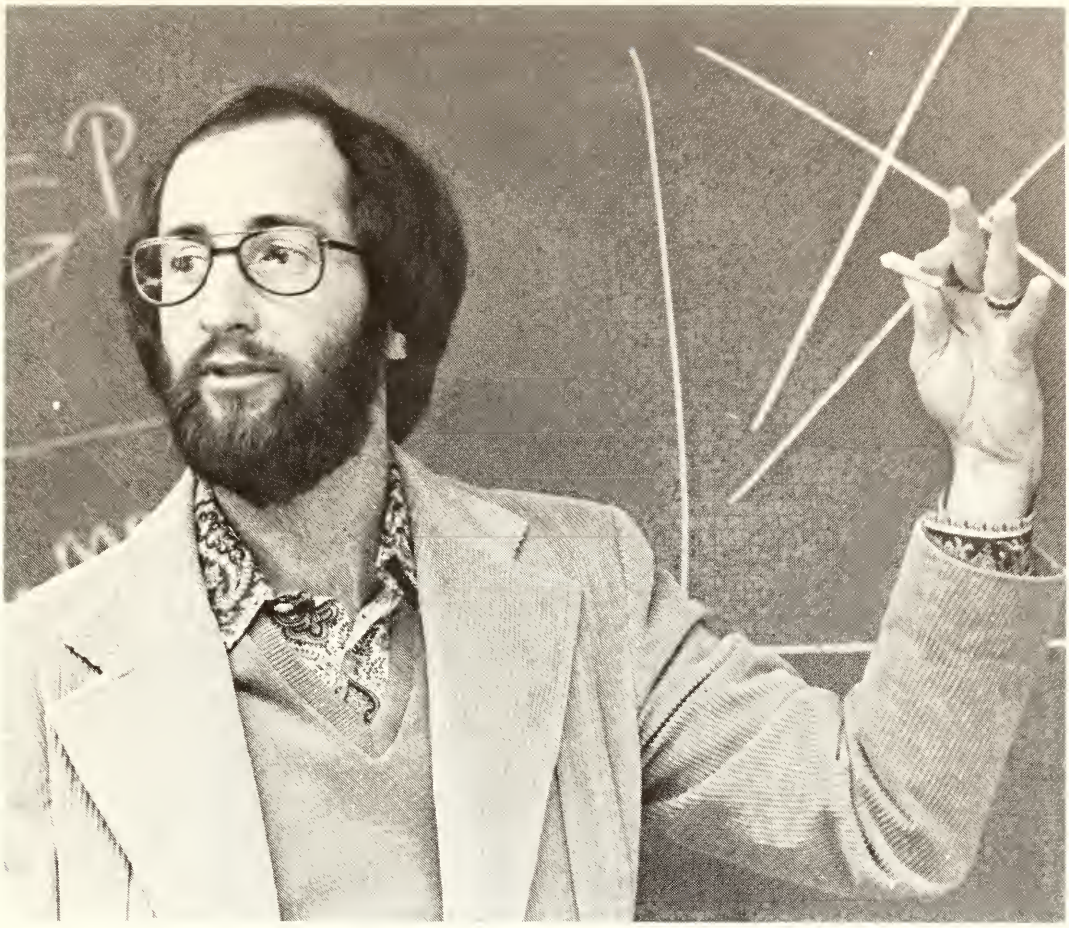
Prerequisites: Junior standing. Presentation and discussion of current research being performed by the individual student, chemistry faculty, or research as reported in the current literature. Yearly.

450, 451. Independent Study **1-6**

Prerequisites: Junior standing and consent of the instructor based on adequate preparation in chemistry, physics, and mathematics. Research on an assigned problem. A written report and an oral presentation of the work is required. Offered on demand.

I-99. Interim Studies **3**

Prerequisite: Consent of the instructor based upon adequate preparation in chemistry, physics, and mathematics. Special topics offered in the January Interim.



ECONOMICS AND BUSINESS

Professor Urbantke, *Chairman*
Associate Professor: Chumley
Assistant Professor: Dauterive
Instructor: Leonard
Professor Emeritus: Pate
Lecturers: Cox, Barnes, Quarles

Economics
Major Requirements

The economics major offers training for the citizen, who to a degree must be an economist in his daily life; for the business man, who must make decisions in the light of economic developments; and for the economist, who is concerned with the manner in which the economic system as a totality operates. The B.A. in Economics requires 30 semester hours in Economics plus Business 203-204. The 30 semester hours must include Economics 201 and 202, which are prerequisite for all 300 and 400 level courses; Economics (301-302) and 329 or 312; and the approval of the course of study by the departmental adviser. Business 408, 414, 425, 426 may be taken to satisfy major requirements in Economics, with the approval of the adviser. (Business 203-204 is prerequisite for all 300 and 400 level courses.)

A student may be admitted to the Departmental Honors Program

if he has attained junior standing and meets the other requirements. For details, consult the Department Chairman.

123. Economic History of the U.S. 3
The development of economic activities in the changing U.S. institutional patterns. On demand.

201. Principles of Economics 3
An introductory study of economic activity with emphasis on national economic problems. Each semester.

202. Principles of Economics 3
Prerequisite: 201. An introductory study of the determination of prices, wages, and value; analysis of the process and principles by which an economy allocates resources. Fall and spring.

(301-302). Statistics 3-3
Descriptive and inferential. A study of variance, frequency distribution analysis, regression and correlation, index numbers, time series, sampling, probability, tests of significance, and statistical estimation. Yearly.

311. Intermediate Micro-Economic Theory 3
Economic theories of individual and business decision-making and their effects on the production and allocation of economic goods. On demand.

312. Intermediate Macro-Economic Theory 3
Neoclassical, Keynesian, and modern theories of the determination of aggregate economic activity and their empirical relevance. On demand.

324. Labor Economics 3
Development of labor movements, collective bargaining, wages and employment, and public policy. Fall.

326. Public Finance 3
Revenue and expenditure policies of the public sector; the public-private mix in resource allocation and distribution. Spring.

329. Money and Banking 3
The structure and operation of money and banking institutions, with emphasis on the role of money, banking, and monetary policy in the economic life of the community. Fall.

402. Growth and Stability 3
Problems of cycles and inflation. On demand.

403. Economic Development 3
Factors and patterns that effect economic development worldwide. Problems to be overcome to develop a nation.

410. Managerial Economics 3
Application of the theories of profits, market structure, demand, and costs to decision-making by firms. On demand.

411. Government and Business 3
The economics of government regulation in the institutional setting of the U.S. and the private enterprise system. Recommended for government, history, and sociology majors. Fall, 1977 and alternate years.

421. Comparative Ecoomic Systems 3
The nature and operations of alternative systems for determining resource allocation and utilization. Fall, 1978 and alternate years. (Same as Government 421.)

440. International Economics 3
International economic institutions and the theory of international trade. Spring, 1978 and alternate years.

470. Independent Study 1-6
Independent study of economic problems. By invitation only.

I-99. Interim Studies 3
Special topics offered in the January Interim.

Business

There is general agreement today that the businessman needs training in the liberal arts. Courses in the humanities, in mathematics and natural sciences, and in the social sciences equip the businessman with the analytical ability and the breadth and flexibility of mind necessary to cope with a technological, social, economic, and political environment that changes with bewildering rapidity.

In the courses designed to train the student in the area of business, Centenary therefore places emphasis on a broad base of fundamental knowledge and the development of certain basic skills on which the student can build through experience obtained after college. To this end the Business curriculum is built around the quantitative and behavioral sciences. The quantitative area is stressed so that the student will learn the use of quantitative data for decision-making. The behavioral sciences are emphasized so that the student will better understand the behavior patterns of formal organization and the problems which arise when men attempt to achieve common goals.

Major Requirements

Associate in Science Degree Program

The Department of Economics and Business at Centenary College, Shreveport, Louisiana, now offers a program leading to an Associate in Science Degree. It is designed to give needed training in business areas and at the same time, provide some background in non-business courses to develop the mathematical and management skills which are needed in business. Some courses in the arts and sciences are an integral part of the program and will enable the student to develop a better understanding of himself, his culture, and the society in which he lives. The Associate in Science Degree program will take most students about three years to complete. (A four-year degree at night would take twice as long.) The program, basically designed for those presently employed, will be offered entirely in the evening. However, it is open to recent high school graduates who are interested. Since almost all the courses are regular college credit courses, most of the work completed toward the associate degree will also apply toward the bachelor's degree. Upon satisfactory completion of the courses of study (of 60 hours), the student will be awarded an Associate in Science Degree in Business from Centenary College.

Bachelor of Science in Business

The B.S. in Business requires 30 semester hours of Business plus Economics 201-202. The 30 semester hours must include Business 203-204, 321, 323, 346 and Economics 301-302. Any 300-400 level Economics course may be included in the 30 hour business major requirement.

Prerequisite requirement: Business 203-204 and Economics 201-202 are prerequisites for all 300-400 level Business and Economics

courses or under special conditions with the consent of the instructor.

A student may be admitted to the Departmental Honors Program if he has attained junior standing and meets the other requirements. For details, consult the Department Chairman.

Bachelor of Science in Accounting

The accounting curriculum, leading to the degree of Bachelor of Science, provides a thorough education in the field of accounting. This specialized knowledge of accounting together with a broad liberal arts and business background is designed to prepare students: (1) for careers in accounting management; (2) for further academic work; (3) for careers in public accounting field; and (4) to take appropriate trainee positions in government and business.

The B.S. in Accounting requires 27 semester hours of accounting courses; Business 203-204, 305-306, 309, 407, 409, 411 and, 412 or 310 plus Economics 201-202, 301-302, 329, and 311 or 312. Business courses in addition to those accounting courses listed as Business include: Business 321, 323, 324, 346, 425.

Business/Spanish Coordinate Program

This coordinate program with the Department of Foreign Languages is designed to prepare the business student to work in a Spanish-speaking country or a Spanish-speaking area of the United States. The student admitted to this program will normally major in Business and will receive a B.S. in Business. The Economics-Business requirements are Economics 201-202, and (301-302); Business 203-204, 321, 323, 346, and an elective 300 or 400 course. The Spanish requirements beyond 202 are 206, 305, 303 or 431. Certain of these courses are flexibly designed to permit the student to familiarize himself with the specialized vocabulary and literature of his field of interest. Additional requirements are Government 207 and History 341, 342. The advanced student is also encouraged to take advantage of Centenary's special relationship with the Instituto Tecnologico y de Estudios Superiores de Monterrey in Mexico by spending at least one academic session there studying Business and/or Spanish. Inquiries concerning the program should be addressed to Dr. Arnold M. Penuel in care of the Foreign Languages Department.

101. Introduction to Business 3

Business organization and operation. Survey of the various fields of business, basic business problems and procedures, the opportunities open to college graduates in business, and the vocabulary of business. Not open to junior and senior majors within the department.

105. Personal Finance 3

A study in problems confronting the individual or family in purchasing and budgeting for the household.

203. Principles of Accounting 3

Prerequisite: Sophomore standing or consent of instructor. An introductory course intended to familiarize the student with the fundamental principles and methods of preparing and analyzing financial statements. Fall and Spring.

204. Principles of Accounting 3

Prerequisite: Business 203. An introduction to management's uses of accounting data for planning and control. Topics covered include: content and interpretation of the income statement and balance sheet; uses of cost accounting; budgetary planning and control; and internal reports for management. Fall and spring.

223. Computer — COBOL 3

An introduction to computer programming in the business oriented language COBOL. Hands on experience in writing, running and debugging programs will be provided. The application and problems will be primarily business oriented. (Same as Math. 223.)

305-306. Intermediate Accounting 3-3

Prerequisite: Business 204 or consent of instructor. An intensive study of basic accounting theory and procedures, with emphasis on balance sheet accounts and their interrelationships with income statement accounts. Yearly.

309. Cost Accounting 3

Prerequisite: Consent of instructor. The objectives and procedures of cost accounting for manufacturing firms. Topics covered include: job order and process cost systems; cost-volume-profit relationships; standard costs and variance analysis, direct costing; relevant costs; and capital budgeting. Fall.

310. Intermediate Cost Accounting 3

Prerequisite: Business 309. Advanced process cost procedures; "expected" and "basic" cost systems; special procedures for accounting for avoidable and unavoidable spoilage; fundamental of direct costing. Spring.

315. Managerial Accounting 3

The use of data contained in accounting records by management in making decisions concerning pricing, expansion, production, and forecasting. Primarily for non-accountants, but helpful for accounting majors.

321. Principles of Management 3

A study of organizational theory, policies, and procedures common to all institutions charged with the responsibility of achieving a common goal. Fall.

322. Personnel Management 3

Prerequisite: Business 321 or consent of instructor. A survey of the organization and administration of personnel departments, education and training policies, wage policies, and the maintenance of favorable industrial relations.

323. Business Law 3

A study of the legal aspects of business transactions. Introduction to personal property contracts as well as agency, partnership, negotiable instruments, sales and conditional sales contracts, and to the law of commercial paper. Fall.

324. Business Law 3

Prerequisite: Business 323. A continuation of 323 for those intending to take the CPA Examinations. Spring.

328. Human Relations 3

A study of individual, small group, and organizational behavior in the business setting. The problems of motivation and communications are studied in goal-oriented activity. Spring.

346. Principles of Marketing 3

A study of distribution of goods and services from producer to consumer. Channels of distribution, marketing functions, institutions, and costs. Spring.

395. Selected Topics 1-6

Prerequisite: Consent of instructor. A detailed study of an area of business not normally covered in regular business courses. On demand.

401-402. Internship in Administration 3-3

Designed to provide an opportunity for the student to expand his theoretical knowledge and practical application of administrative principles by first-hand

experience in various public agencies. (Same as Government 401-402.)

403. Consumer Analysis and Behavior 3

Prerequisite: Business 346. A study of the motivation of consumer behavior as explained by a multi-discipline approach drawing from the behavioral and social sciences.

406. Marketing Policies and Problems 3

Prerequisite: Business 346. An advanced course in marketing problems with emphasis upon markets, distribution channels, product analysis, and pricing policies.

407. Advanced Accounting 3

Prerequisite: Consent of instructor. An intensive study of the application of fundamental accounting theory to a number of important fields and activities in business, with extensive use of CPA-type problems. Topics covered include: partnerships; special sales procedures; corporate combinations, an introduction to consolidated financial statements; and actuarial science. Yearly.

408. Quantitative Decision-Making 3

Prerequisites: Economics (301-302). A study of the development and use of quantitative analytical techniques in decision-making. Offered on demand.

409. Auditing 3

Prerequisite: Business 306. A study of auditing theory and procedures, special investigations; and the principal kinds of audits, working papers, and reports. Yearly.

411. Income Tax Accounting, I 3

Prerequisite: Business 306 or consent of instructor. The Internal Revenue Code and problems of the preparation of tax returns are studied as they relate to the individual. Emphasis on determination of income and statutory deductions in arriving at the net taxable income. Fall.

412. Income Tax Accounting, II 3

Prerequisite: Business 411. The Internal Revenue Code and problems of the preparation of tax returns are studied as they relate to partnerships, corporations, estates, and trusts.

414. Research Techniques and Forecasting 3

Prerequisites: Economics (301-302). The formulation of the problem, data sources and data problems, formulation of the hypothesis, and basic research design and techniques. On demand.

415. Managerial Computer Usage 3

Course offers guidelines for management on whether to install a computer, the relative advantages and disadvantages of the systems available, renting vs buying, and the legal implications of computer usage. Systems analysis is also covered.

420. Social Responsibility of Business 3

A study of the social role and responsibility of business considering both the internal and external environments of the firm. Evaluation of the social responsibility of the firm to the consumer, the employee and the management. Coverage of the values evidenced by the management of modern business. Junior standing.

425. Business Finance 3

A study of the channels for obtaining capital for corporate promotion, expansion, and reorganization; financial management analysis. Fall.

426. Investments 3

A study of the principles and problems determining sound investment policy. Spring.

471. Independent Study 1-6

A reading and research course open to seniors by invitation.

I-99. Interim Studies 3

Special topics offered in the January Interim.

EDUCATION

Professor Hallquist, *Chairman*
Professors: Garner, Gwin, Kauss
Associate Professor: Harner
Lecturers: Hardaway, Locke, Rains

Education

The department has responsibility for the teacher-education curriculum of the College, and it also provides elective courses in education for those interested. Its goal is to produce teachers who are professionally prepared, rich in the liberal arts, knowledgeable in the issues of democracy, and strong morally.

All students enroll in the tutorial and clinical program, and not in formal courses in professional teacher education. In the Clinical-Tutorial Program (the first of its kind in any liberal arts college), the student works with a tutorial professor in an individualized schedule of readings, seminars, lectures, and independent study in the theory of education. Practice is gained by the students in concurrent clinical experiences in a variety of local schools and agencies. The students

are taken through a carefully planned sequence of observing, aiding, and substituting for master teachers. These master teachers are employed by the local schools and they hold appointments as lecturers in education at Centenary College. Students are supervised by both tutorial professors and the master teachers throughout the last two years of the program.

The teacher-education program meets the requirements for teacher certification in Louisiana. Candidates for teaching certificates in the state must fulfill the requirements for elementary or high school certification. The student teaching required for certification is done in schools in this geographical area. The department provides a Teacher Placement Bureau for all who are registered in the program.

Degree Plan

Each student majoring in elementary education or certifying in secondary education must, in consultation with his adviser, complete a degree plan. This plan, endorsed by student and adviser, is filed with the Registrar prior to achieving junior standing. Students certifying at the secondary level must, also, have the signature of the secondary education representative on the degree plan, or it will not be accepted by the Registrar.

No student will be considered for formal acceptance into the Education Department by the Teacher Education Advisory Council prior to the degree plan being filed.

Administrative Requirements

All students planning to certify as teachers must by the end of the sophomore year petition the Teacher Education Advisory Council for acceptance into the Department of Education. They must meet certain requirements of oral and written communication, health, and appearance as determined by the TEAC. An "area of concentration" in academic subjects is encouraged for elementary education majors.

Beginning with the summer of 1977, no course listed below may be taken pass/fail and no final grade below a "C" will be accepted by the State Department of Education in any PROFESSIONAL OR SPECIALIZED ACADEMIC EDUCATION COURSE which is required for certification, regardless of overall grade average. AN EXCEPTION TO THIS RULE IS EDUCATION 442, WHICH WILL REMAIN ONLY AS A PASS/FAIL OFFERING.

Professional education courses include the following:

Education 211-212
Education 331-332, 431-432
Education 341-342, 441-442
Education 351-352, 451
Education 411-412
Psychology 211, 221

Specialized academic education courses at the elementary level include the following:

Education 205
Speech 101 or 200
History 207
Art 207
Music 329
P.E. 239 and 221, 321, or 424

Specialized academic education courses at the secondary level include the following:

English major -- All English courses and Education 412
Foreign Language major — All Foreign Language courses
Mathematics major —All Mathematics courses
Science major — All Science courses
Social Studies major — All Social Studies courses
Speech major — All Speech courses
Art major — All Art courses
P.E. major — All P.E. courses
Music major — All Music courses

Only students in good academic standing may participate in the professional education courses. Please refer to Academic Probation, page 51.

Major Requirements

A major in education is available only to students intending to teach in the elementary school. Students proposing to teach on the secondary level must complete the major requirements of another discipline, and complete the requirements for certification.

ELEMENTARY: For the B.S. in Elementary Education, the student must complete Education 211-212, 331-332, 431-432, and Psychology 221. In addition to courses meeting the College's distributive requirements, elementary education majors must complete Education 205, Art 207, Mathematics 115, Speech 101 or 200, Geography 205 or 206, History 207, Physical Education 239 and 221, 321, or 424, Music 329, Education 411-412, English 307 or 342, and Psychology 221.

EARLY CHILDHOOD: Early childhood certification can be met if the elementary education major takes Education 351, 352, and 451.

TEACHER OF EXCEPTIONAL CHILDREN: The fifteen semester hours of basic requirements offered are Psychology 211, 221, 312 and Art 207 and 210.

SECONDARY: Secondary teacher candidates must, in addition to completion of the College's distributive requirements and those of a department major, complete Education 211-212, 341-342, 441-442, and Psychology 211.

General Education Requirements

The general requirements for teacher certification at the elementary and secondary levels are as follows: 12 semester hours in English, which must include three hours in grammar and three hours in composition; 12 semester hours of laboratory science (of which at least four hours must be in biological science and at least four hours in a physical science); six hours in mathematics; 12 hours of social studies, which must include three hours in American history; and four hours of physical education.

SUBJECT FIELDS (SECONDARY EDUCATION)

The minimum requirements for the various subject fields, in addition to general education and professional education, are as follows:

ART: (Grades 1-12) A minimum of 30 semester hours grouped under the following categories: drawing and painting, design, appreciation and history, crafts, color.

ENGLISH: A minimum of 27 semester hours including the 12 hours in the general education requirements. (The total program in English shall include 6 semester hours in grammar and composition above the freshman level.) In addition, at least 3 semester hours in the teaching of reading (included in professional education requirements).

FOREIGN LANGUAGE: A minimum of 24 semester hours in a language or 18 semester hours if taken above the first-year college level.

MATHEMATICS: A minimum of 20 semester hours including the general education requirements and to include at least 3 semester hours in calculus. Only 9 semester hours may be earned in freshman mathematics.

MUSIC EDUCATION: (Grades 1-12)

(1) Vocal music: 62 semester hours as follows
   a. Preparation in musicianship (theory, music history and appreciation, and conducting ..... 32 semester hours
   b. Applied music (must include a minimum of 18 semester hours in voice, plus a basic command of functional piano technique) ..... 30 semester hours

(2) Instrumental music (including band and orchestra): 62 semester hours as follows:
   a. Preparation in musicianship (theory, music history and appreciation and conducting) ..... 30 semester hours
   b. Applied music (must include credit in piano, woodwind, brass, strings, and percussion instruments ..... 30 semester hours

(3) Vocal and instrumental music (excluding piano): 82 semester hours as follows:

a. Preparation in musicianship (theory, music history and appreciation, and conducting) ..... 32 semester hours
b. Applied music (must include credit in piano, voice, woodwind, brass, string, and percussion instruments with not less than 15 hours in vocal music, and 15 hours in instrumental music) ..... 50 semester hours

NOTE: Preparation for teaching vocal and instrumental music shall be recognized as a 5-year program of studies.

(4) Piano: 62 semester hours as follows:
a. Preparation in musicianship (theory, music history and appreciation, and conducting) ..... 32 semester hours
b. Applied music (must include a minimum of 18 semester hours in piano) ..... 30 semester hours

PHYSICAL EDUCATION: (Grades 1-12)

(1) The minimum requirements for certification in physical education (including coaching) will require a total of 24 semester hours.
a. Foundations (organization and administration, history and principles, and/or curriculum construction) ..... 6 semester hours
b. Basic science (human anatomy, physiology, kinesiology) ..... 6 semester hours
c. Skills and techniques (including not more than 4 semester hours in coaching) ..... 8 semester hours
d. First aid (or care of athletic injuries) ..... 1 semester hour
e. Correctives, evaluation, and/or other areas ..... 3 semester hours

(2) The minimum requirements for certification in health and safety education will require a total of 22 semester hours.
a. Health and safety education (including principles, organization, and administration of the schol health program, basic nutrition, study of health hazards, personal and community health problems, prevention and control of communicable diseases, healthful environment) ..... 6 semester hours
b. Health methods and materials (including health services, health screening, use of modern health resources) ..... 6 semester hours
c. Basic science (human anatomy and physiology) ..... 6 semester hours
d. General safety education ..... 3 semester hours
e. First aid ..... 1 semester hour

(3) Combined certification of physical education and health and safety education will require a total of 39 semester hours in which the basic sciences and first aid should not be repeated.

SCIENCE: A minimum of 24 semester hours in science, including that required in general education.

Certification in general science shall include a minimum of 6 semester hours in physics, 6 semester hours in biology, 6 semester hours in chemistry, and 6 semester hours in earth cience.

An additional 8 semester hours are necessary in each science field or fields in which the teacher applies for certification.

SOCIAL STUDIES: A minimum of 30 semester hours including the general education requirements to be distributed as follows:

(1) History
  a. United States History ..... 6 semester hours
  b. Louisiana History ..... 3 semester hours
  c. Western Civilization or World History ..... 6 semester hours
(2) United States Government ..... 3 semester hours
(3) Geography ..... 6 semester hours
(4) Economics ..... 3 semester hours
(5) Sociology ..... 3 semester hours

SPEECH: A minimum of 24 semester hours to include speech fundamentals, public address, interpretation, dramatics, and debate.

102. Foundation of Education 3

A study of minor movements and issues in education. Offered in Summer Session only.

200. Educational Psychology 3

A study of the psychological adjustments of the typical student in American schools. Oriented toward the problems of the usual classrooms. Offered in Summer Session only.

205. Children's Literature 3

A survey of children's literature through the ages, with special attention to developing a love of reading and a knowledge of genres and motifs and to related literary matters like vocabulary-building, knowledge of other cultures, and where appropriate, history and biography.

211-212. Sopohomore Tutorials in Education 3-3

An investigation of the history of education and the social and philosophical foundations of education. The role and relevance of psychology in the learning process. Participation in a series of observations in a variety of school and community-agency learning situations. An individualized schedule of readings and seminars. Yearly.

331-332. Junior Tutorials in Elementary Education 3-3

Prerequisites: Education 211-212, Psychology 211, and acceptance by TEAC. A study of materials, methods, and problems of teaching and learning in the elementary school. Planned participation in elementary school classrooms as a teacher's aide. An individualized schedule of reading and seminars. Yearly.

341-342. Junior Tutorials in Secondary Education 3-3

Prerequisites: Education 211-212, Psychology 211, and acceptance by TEAC. A study of materials, methods, and problems of teaching and learning in the secondary school. Planned participation in secondary school classrooms as a teacher's aide. An individualized schedule of reading and seminars. Yearly.

351-352. Junior Tutorials in Early Childhood Education 3-3

A study of the understanding of the social, emotional, and intellectual needs of the kindergarten child as these relate to curriculum, equipment, teaching aids, and teaching procedures. Participation in kindergarten classrooms will supplement classroom activities. Yearly.

395. Selected Topics 3
A detailed study of an area in education not normally covered in regular education courses. On demand.

411. Teaching of Reading in the Elementary School 3
A survey of methods, materials, and theories with emphasis on mastering reading skills. Observation and work with children are required along with two hours of classwork. Students will design materials which they will use with pupils to stimulate interest in reading for enjoyment and information.

412. Teaching of Reading Practicum 3
Major emphasis is placed on teaching the reading skills to individuals and small groups of children. Teacher accountability will be stressed as they work with diagnosing reading needs and applying prescriptive teaching techniques as corrective measures. Current literature will be surveyed.

431. Senior Tutorials in Elementary Education 6
Prerequisites: 331-332. Intensive practice teaching under the supervision of a master teacher and College Faculty. Yearly.

432. Senior Tutorials in Elementary Education 3
Prerequisites: 331-332. Internship under the supervision of school personnel and College Faculty. Yearly.

441. Senior Tutorials in Secondary Education 6
Prerequisites: 341-342. Intensive practice teaching under the supervision of a master teacher and College Faculty. Yearly.

442. Senior Tutorials in Secondary Education 3
Prerequisites: 341-342. Internship under the supervision of school personnel and College Faculty. Yearly.

451. Senior Tutorials in Teaching in Early Childhood Education 3
Prerequisites: 351-352. Observation and practice teaching in the kindergarten. Yearly.

499. Workshop in Alcohol Studies 3
The Deep South Summer School of Alcohol Studies is conducted annually at Centenary during the first part of July. This one-week course is designed to fill a need for practical training for those interested in the problems of alcoholism. Its goal is to present the latest scientific information about alcohol and its use; to discuss and analyze the reasons for its use and non-use; to explore the historical and contemporary attitudes toward drinking; to develop a better understanding of the problems related to it's use and how to deal with them; to provide information, materials, and techniques of alcohol studies for instruction in the school, church, home and community. A staff of nationally recognized experts has been recruited.

I-99. Interim Studies 3
Special topics offered in the January Interim.

ENGLISH

Professor Morgan, *Chairman*
Professor: Labor
Associate Professor: Gallagher
Assistant Professors: Mayer, Hall
Professor Emeritus: Clark
Lecturers: Weems, Crawford, Douglas, Montgomery

The purpose of courses in English for all students is to develop skill in written communication and to develop critical judgment and appreciation of the work of major writers in relation to their social and intellectual background. The department prepares its majors for teaching in secondary schools, for admission to graduate and professional schools, and indeed for any occupation where liberal education and language competency are the important requisites.

Major Requirements

For a B.A. in English, a student must fulfill the College requirements for a degree, including within them the following:

1. Credit for English 101;
2. Art 101 or 102, and Music 143 or 144;
3. Credit through the third year of a foreign language or through the intermediate level of two foreign languages;
4. Twenty-seven semester hours in English beyond 101, including at least three hours from each of the following groups: Medieval (321, 400), Renaissance (309, 316, 402); Restoration and Eighteenth Century (317, 318, 330); Nineteenth Century (303, 304, 330); American (305, 306, 405); Elective (307, 315, 342, 399, 406, 407).

Prerequisite for all courses numbered 300 and above: consent of the instructor. All majors must take English 205, 206: Survey of British Literature (both semesters). Majors expecting to be certified to teach at the secondary school level must take English 307 or 342.

100. Fundamentals of Grammar 3

An intensive review of grammar designed to improve writing and reading performance and to prepare students for English 101. Intended for and required of those whose performance in high school and on achievement tests indicates a deficiency in verbal skills. This course will not count in the 124 hours for graduation. Offered each semester.

101. Expository Writing 3

A course in the principles of expository prose, with emphasis upon reading and upon writing clear, logical, and correct prose in assigned themes. Required of all students. Offered each semester.

102. Introduction to Literature 3

Prerequisite: English 101. An introduction to representative types of fiction, drama, and poetry, with continuing emphasis on writing. Offered each semester.

(103-104). Introduction to the English Langauge I-II 3-3

A two-semester course designed primarily for foreign students but open without credit to any student whose English deficiencies can be helped by it. Emphasis

on pronunciation, the structure of English, vocabulary-building, reading comprehension, and elementary writing skills culminating in the paragraph. Offered yearly.

(105-106). Introduction to the English Language III-IV 3-3

A continuation of (103-104) with emphasis on the reading of general interest magazines (105) and technical and scholarly articles in the student's major (106). Writings geared to the readings; for example, précis, summaries, analysis, exposition, and research reports. Offered yearly.

201. Seminars in Literature 3

Prerequisites: English 101 and 102 or their equivalents. Courses in which each class section deals with a different topic (e.g., satire, myth and archetype, the literature of social protest, science fiction, styles of film, etc.). Selections are studied as esthetic creations and as illustrations of the topic under consideration. Readings cut across genres and national literatures. Topics change from semester to semester. May be elected for up to nine hours credit, but individual topics may not be repeated. Offered each semester.

205, 206. Survey of British Literature 3-3

Prerequisites: English 101 and 102 or their equivalents. A survey of British poetry, prose, and drama from the beginnings to the present. The first semester includes writings from the Middle Ages through the eighteenth century; the second semester includes writings from the nineteenth and twentieth centuries. Offered yearly.

211. Introduction to Journalism 3

Prerequisites: English 101 and 102 or their equivalents. A survey of mass communications media, their purpose and methods of operation. Designed to give students an overview and an understanding of the importance of communications media in modern society. Offered each semester.

303. Romantic Poetry and Prose 3

A detailed study of the major Romantic poets and of selected prose works which set forth the critical and esthetic standards of the Romantic movement. Fall, 1977 and alternate years.

304. The Victorian Period 3

A study of representative Victorian writers, exclusive of the novel. Spring, 1977 and alternate years.

305. Survey of American Literature, 1630-1870 3

A survey of American writing from colonial times to about 1870. Fall, 1977 and alternate years.

306. Survey of American Literature, 1870 to the Present 3

A survey of American writing from about 1870 to the present, with attention to trends in the development of modern American literature. Spring, 1978 and alternate years.

307. History of the English Language 3

A survey history of the language and an introduction to linguistics. Particular attention paid to phonology, morphology, and syntax and to key concepts in descriptive linguistics and grammar. Compositions include short, analytical, expository themes as well as a research paper. Fall, 1977 and yearly.

309. Shakespeare 3

A study in depth of selected plays. The arrangement is basically chronological; and examples of histories, comedies, and tragedies are included. Fall, 1977 and yearly.

312. Advanced Journalism: Reporting and Feature Writing 3

Prerequisite: English 211. Factual writing for print and broadcast. Extensive practice in types of news stories and some features. Reporting techniques and news gathering, with interviewing emphasized. Study of human interest factors,

literary devices, and news media feature markets. Discussion of reportorial responsibility including news values and objectivity. Readings in outstanding reportage of the past. Spring, 1977 and yearly.

313. Advanced Journalism: Editorial Persuasion and Critical Writing 3

Prerequisite: English 211. Intensive and directed practice in writing editorial opinion and critical reviews of the fine and popular arts for the mass media. Development of critical theories for the evaluation of individual works with emphasis on literature, drama, film, and music. Fall, 1977 and yearly.

314. Advanced Journalism: Advertising and Public Relations 3

Prerequisite: English 211. Analysis and evaluation of the mass media for advertising purposes; and principles and practice of public relations as they pertain to the communications media. Spring, 1978 and yearly.

315. Modern British Literature 3

A study of significant British writers from the late nineteenth century to the present. Fall, 1978 and alternate years.

316. The English Renaissance 3

A study of English literature of the late fifteenth to mid-seventeenth century, exclusive of Shakespeare and Milton. Special attention is given to Spenser, Sidney, Bacon, Browne, Burton, Jonson, and Donne. Spring, 1977 and alternate years.

317. The Age of Dryden and Pope 3

A study of the representative literature of 1660 to 1744, exclusive of the novel. Fall, 1977 and alternate years.

318. The Age of Johnson 3

A study of the representative literature of 1744 to 1798, exclusive of the novel. Spring, 1977 and alternate years.

321. Pre-Renaissance Classics in Translation 3

A critical and historical study of representative Greek and Roman epic and lyric poetry and of drama, and of the medieval synthesis exemplified by Dante. Emphasis is both on the literary value of the works and on their relevance to the Western cultural tradition. Fall, 1978 and alternate years.

330. The English Novel in the 18th and 19th Centuries 3

A study of the English novel from its beginning through the 19th century, with particular attention to historical and artistic influences. Spring, 1978 and alternate years.

342. Advanced English Grammar and Composition 3

A descriptive study of the structural logic and idiom of the English sentence and of the creation of precise, functional composition Spring, 1978 and yearly.

399. Creative Writing 3

Prerequisites: English 101 and 102, and submission of a writing sample no later than sixty days prior to the beginning of the course. An advanced course in composition and writing for students interested in producing original pieces of prose, verse, or drama.

400. Chaucer 3

A study of the major poems, with chief emphasis upon *The Canterbury Tales.* Fall, 1977; thereafter, alternate spring semesters.

402. Milton 3

A study of the poetry and major prose, with emphasis upon *Paradise Lost, Samson Agonistes,* and the minor poems. Spring, 1978 and alternate years.

405. Studies in Representative American Writers 3

Intensive reading in major writers who represent significant trends in the development of American literature. Considerable work in bibliography and research, with presentation of individual papers. Fall, 1978 and alternate years.

406. Literary Criticism 3

A study of the background and development of modern literary criticism, with particular emphasis upon its development after Coleridge. The influences of literary theory, the various critical theories of this century, and the problems of practical criticism are the concerns of lectures, class discussions, and papers. Spring, 1977 and alternate years.

407. Independent Study 1-6

Prerequisites: Senior standing and permission of the Chairman of the Department. Either semester of senior year. The writing of a thesis and an oral examination at the end of the semester are the core of the course. The Chairman of the Department appoints a committee of not fewer than three faculty members to guide each student and to conduct the oral examination. Regular class sessions are not required, but the faculty members arrange seminar discussions when circumstances warrant such meetings. A copy of the thesis is filed with the Chairman of the Department. Offered each semester.

I-99. Interim Studies 3

Special topics offered in the January Interim.

FOREIGN LANGUAGES

Associate Professor Watts, *Acting Chairman*
Associate Professor: Penuel
Assistant Professor: Gottlob
Lecturer: Graef

The program in Foreign Languages at Centenary is designed to provide the student with a knowledge of the foreign language and culture which will be useful to him practically, intellectually and professionally.

Practically, we seek to equip the student with the ability to understand, speak, read and write the language. To this end the foreign language is used extensively, in some courses exclusively, in the classroom; two modern language laboratories direct the student's study both in and out of class.

Intellectually, the study of a foreign language and the culture embodied in that language will not only provide the student with an invaluable insight into the nature and structure of language as such, and language as a medium which shapes feelings and thoughts, but will also deepen his understanding of his own language and culture.

Professionally, the knowledge of a foreign language may be a valuable adjunct to a successful career in many fields in a world

becoming ever smaller, or be the basis for a career in itself, for example, in the diplomatic service, foreign trade, international law, airlines, the FBI, and teaching.

Extramurally, Centenary affords its students opportunities for study abroad through its membership in the Southern College University Union (See Section I—page 6) and by arrangement with the Instituto Tecnológico y de Estudios Superiores de Monterrey in Mexico (See page 61).

For information regarding departmental scholarships please write the Chairman of the Department.

Placement

For the new student who has studied a language in high school, the following placement in a course at Centenary is the normal one in lieu of a placement examination. It must be stressed, however, that these are only general guidelines, and that under particular circumstances such as a year's absence or more from study, or residency in a foreign country, special placement is made after consultation with the Department. The general principal underlying placement procedure is that one unit of high school language is equivalent to one semester of college study.

Foreign Language in High School	Course Placement at Centenary
1 or 1½ years	101
2 or 2½ years	201
3 years	200 or (permission) 300 level
4 years	Consult with Department

Major Requirements

A major is offered in French or Spanish, and a combination major in any two of the languages offered.

For the B.A. in French or Spanish, the student must successfully complete 21 semester hours in courses numbered above 202.

For the combination B.A. in Foreign Languages major, the student must complete, in courses numbered above 202, 9 semester hours in a major language and 3 semester hours in a minor language. (An additional 3 hours in the minor is recommended.)

These majors also require the following supportive courses: twelve semester hours in English courses above 101, including 321, and either 307 or 406 according to the student's emphasis on language or literature; three semester hours in Religion 201 or 202; three semester hours in Philosophy. (Strongly recommended are 3 additional hours in Religion or Philosophy, and 6 hours in Fine Arts.)

A major may be admitted to the Department's Honors Program if he has attained junior standing and meets the other requirements. (See page 57 of the Catalogue.) For details, consult the Department Chairman.

NOTE: In addition to three class hours weekly, two hours of work each week in the language laboratories are an integral part of all courses in the Department numbered (101-102).

Departmental Program: Business/Spanish Coordinate Program

This coordinate program with the Department of Economics and Business is designed to prepare the business student to work in a Spanish-speaking country or a Spanish-speaking area of the United States. The student admitted to this program will normally major in business and will receive a B.S. in business. The Economics-Business requirements are Economics 201-202, and (301-302); Business 203-204, 321, 323, 346, and an elective 300 or 400 course. The Spanish requirements beyond 202 are 206, 305, 303 or 431. Certain of these courses are flexibly designed to permit the student to familiarize himself with the specialized vocabulary and literature of his field of interest. Additional requirements are Government 207 and History 341, 342. The advanced student is also encouraged to take advantage of Centenary's special relationship with the Instituto Tecnológico y de Estudios Superiores de Monterrey in Mexico by spending at least one academic session there studying Business and/or Spanish. Inquiries concerning the program should be addressed to Dr. Arnold M. Penuel in care of the Foreign Languages Department.

Departmental Courses

Foreign Language 100: Greek and Latin Elements in Specialized English Terminology. No knowlege of Greek or Latin required. Analysis of English word formation from Greek and Latin elements for the prospective student in medicine, dentistry, law, and graduate work in the arts and sciences. Spring 1978 and 1979.

Foreign Languages 400: Practicum for Foreign Language Majors 1-3

Prerequisites: Completion of three years of a foreign language in college or equivalent, and permission of the instructor. This course involves the student in the practical application of his foreign language to: the teaching-learning experience; tutoring and help-sessions for his fellow students; presentations to lower-level courses; monitoring of short-wave broadcasts; translations, etc.

Foreign Language I-99: Interim Studies 3

Special topics offered in the January Interim. Some typical courses in recent years have been: Introduction to Linguistics; Spanish and Spanish-American Literature in Translation; French Women Writers in Translation.

French

(101-102). Elementary French 4-4

The verbal-active approach with emphasis on all four language skills: comprehension, speaking, writing, reading.

201-202. Intermediate French 3-3

Prerequisites: French (101-102) or equivalent. Review of basic grammar. Introduction to French civilization in 201, French literature in 202. Work on all language skills with emphasis on reading and composition in 202.

305. Advanced Conversation and Diction 3

Prerequisites: French 201-202 or permission. Required of all French majors, and strongly urged for those planning to teach in the public schools. Systematic treatment of French phonetics with practical applications. Oral work concentrated on the more complex grammatical constructions and idioms, designed to increase

the student's command of contemporary French. Intensive use of laboratory tapes featuring native speakers. Offered Fall, 1978 and alternate years.

306. Advanced Composition and Stylistics 3

Prerequisites: French 201-202. Required of all French majors, and strongly urged for those planning to teach. Study of stylistic elements in French poetry and prose. Translation of sophisticated English texts into French as well as original composition in French. Offered Spring, 1979 and alternate years.

395. Selected Topics 3

Prerequisites: French 201-202 or equivalent. Study in some area of French literature not covered elsewhere, e.g., Medieval Literature, The New Novel, Black French Literature. Individual topics may not be repeated for credit. Offered upon demand.

417. Literature of the Seventeenth Century 3

Prerequisites: French 201-202 or equivalent. Study of seventeenth century French writers such as Corneille, Moliere, Racine, La Rochefoucauld, Pascal, La Fayette. Offered Fall, 1978 and alternate years.

418. Literature of the Eighteenth Century 3

Prerequisites: French 201-202 or equivalent. Study of eighteenth century French authors such as Voltaire, Diderot, Rousseau, Prevost, Marivaux, Laclos, Lesage. Offered Spring, 1979 and alternate years.

419. Literature of the Nineteenth Century 3

Prerequisites: French 201-202 or equivalent. Study of nineteenth century French authors such as Chateaubriand, Constant, Stendhal, Hugo, Flaubert, Balzac, Baudelaire, Zola, and the Symbolist Poets. Offered Fall, 1977 and 1979.

420. Literature of the Twentieth Century 3

Prerequisites: French 201-202 or equivalent. Study of modern French playwrights and novelists such as Proust, Gide, Sartre, Ionesco, Claudel, Camus, Malraux. Offered Spring, 1978 and 1980.

431. Independent Study 1-3

Prerequisites: French 201-202 and permission of instructor. Study in a field of French language or literature appropriate to the student's preparation and interests. Individual topics may not be repeated for credit. Offered upon demand.

German

(101-102). Elementary German 4-4

An audio-lingual approach to basic German speech patterns. Conversation, functional grammar, and reading, supplemented by drill in the language laboratory.

103. German for Reading Knowledge 3

Basic German grammar and readings in expository texts for students desiring reading proficiency for graduate study or as an audit for students desiring a review before attempting intermediate courses. Does not satisfy Centenary language requirements. Summer only.

201-202. Intermediate German 3-3

Prerequisites: German (101-102) or equivalent. Continuation of oral-aural practice, integrated with a systematic review of grammar; vocabulary building; and composition. Extensive reading in modern German prose, including some selections representative of the expository type.

301-302. Advanced German 3-3

Prerequisites: German 201-202 or equivalent. Advanced readings reflecting various aspects of literary and cultural life in Germany as a basis for written and oral practice designed to increase the student's command of contemporary German. Offered in 1977-78 and 1979-80.

303, 304. Survey of German Literature 3-3

Prerequisites: German 201-202 or equivalent. Dieser Kurs veranschaulicht die Entwicklung der deutschen Literatur von ihren Anfaengen bis zur Gegenwart.

Besondere Betonung liegt bei der Auswahl des Lesestoffes auf den weniger umfangreichen Werken, die in ihrer literarischen Gestalt typische Vertreter der betreffenden Epoche sind. Offered in 1978-79 and alternate years.

431. Independent Study 1-3

Prerequisites: German 201-202 and permission of the instructor. Study in a field of German language or literature appropriate to the student's preparation and interests.

Greek

(101-102). Elementary Greek 4-4

An introduction to the fundamentals of Greek grammar with readings in Classical Greek authors. Some attention to New Testament usage.

Latin

(101-102). Elementary Latin 4-4

An introduction to the fundamentals of Latin grammar and the reading of Latin authors.

201-202. Intermediate Latin 3-3

Designed for freshmen entering with two units of Latin, or those who have had Latin (101-102). Reading from several Latin writers. Systematic review of principles of syntax.

431. Independent Study 1-3

Prerequisite: Permission of instructor. Advanced study in the Latin writers such as Cicero, Virgil, Ovid, Plautus, Terence, Livy, Sallust and Lucretius. Individual topics may not be repeated for credit.

Italian

(101-102). Elementary Italian 4-4

An introduction to Italian with emphasis on all language skills: comprehension, speaking, reading, and composition. Summer.

Spanish

(101-102). Elementary Spanish 4-4

An audio-lingual approach to Spanish.

201-202. Intermediate Spanish 3-3

Prerequisites: Spanish (101-102). 201: Advanced grammar composition, conversation, and reading. 202: Reading of selected works in Spanish. Conducted largely in Spanish.

206. Applied Spanish 1

May be taken by students enrolled in Spanish 202 who wish to develop language skills in their specialty. Students will make oral and written reports in Spanish on readings in the literature of their field.

207. Literature of the Spanish Golden Age in English 3

A study of some of the best writers of the Golden Age, including *La Celestina (The Spanish Bawd)*, the picturesque novel, theatre, and Cervantes' *Don Quijote*. Summer.

208. Modern Spanish and Spanish-American Literature in English 3

A study of some of the best Spanish and Spanish-American writers of the nineteenth and twentieth centuries, including Valera, Galdós, Unamuno, Ortega y Gasset, Lorca, Cela, Azuela, and Borges. Summer.

301, 302. Introduction to Spanish Literature 3-3

Prerequisites: Spanish 201-202 or consent of instructor. Readings from all periods of Spanish literature. Conducted in Spanish. Offered yearly.

303. Introduction to Spanish-American Literature 3

Prerequisites: Spanish 201-202 or consent of instructor. Readings from the works

of representative Spanish-American writers. Conducted in Spanish. Fall, 1978 and alternate years.

305. Advanced Conversation and Composition 3

Prerequisites: Spanish 201-202 or consent of instructor. Intense conversational practice, advanced grammar and composition. Designed to allow the student to develop vocabulary in his field. Strongly urged for those planning to teach in the elementary or secondary schools. Fall, 1977 and 1979.

395. Selected Topics 3

Prerequisites: Spanish 301-302. Study in some areas of Spanish or Spanish-American literature not covered elsewhere. Individual topics may not be repeated for credit. Offered upon demand during the Summer Session.

401. Literature of the Golden Age 3

Prerequisites: Spanish 301-302. A study of sixteenth and seventeenth century Spanish literature with emphasis on Cervantes' *Don Quijote*. Conducted in Spanish. Spring, 1979, and every three years.

402. Modern Drama and Poetry 3

Prerequisites: Spanish 301-302. A study of the principal dramatists and poets of the nineteenth and twentieth centuries. Conducted in Spanish. Spring, 1980, and every three years.

422. The Modern Novel 3

Prerequisites: Spanish 301-302. The Spanish novel of the nineteenth and twentieth centuries. Conducted in Spanish. Spring, 1978, and every three years.

431. Independent Study 1-3

Prerequisites: Spanish 301-302, 303 (if the study is in Spanish American literature), and permission of the instructor. Study in a field of Spanish or Spanish-American literature appropriate to the student's preparation and interests. Individual topics may not be repeated for credit.

GENERAL EDUCATION

101-102. Cultural Perspectives 1-1

A two-semester course, required of all freshmen and other entering students, designed to encourage them to broaden their cultural perspective and to enrich their liberal arts education through attending various extracurricular events on campus. Credit (pass/fail) may be earned by certified attendance at the following types of events: Art, Drama, Films, Music, Forums, All-College Convocations, and other Convocations.

A brochure will be distributed at registration explaining the detailed rules of the program and listing the semester's events and dates. Attendance at a total of 10 events required for each semester.

GEOGRAPHY AND GEOLOGY

Assistant Professor Tucker, *Acting Chairman*
Professor: Shaw, On Professional Leave, 1977-78
Instructor: Melinda Tucker
Adjunct Professor: Laslie
Lecturer: Langton

First-year courses offered by the Geology Department are designed to broaden the student's knowledge and understanding about the earth and to develop an appreciation for our environment. Various processes of geology that have been proceeding at fairly uniform rates since the continents and oceans formed are identified and discussed. The present environments are used as models for past conditions on earth.

The students majoring in geology learn the necessary fundamentals of earth science required for successful graduate work and research. Those students not interested in graduate study may upon graduation choose to work with a state or federal geological survey, an oil company, or a mining company. However, the superior student is directed toward advanced studies.

The Geology Department offers areas of study for both the prospective professional geologist and the individual interested in geology but not intending to make it a career. The student may intend to work in service-related fields of geology, as petroleum. Centenary offers courses in geology which enhance the student's chances for employment and advancement with the various energy-related companies.

In the Ark-La-Tex area oil and gas are foremost energy resources. The Geology Department emphasizes this aspect of geology in numerous courses listed in the curriculum and taught by local petroleum geologists. Most independent studies courses are concerned with hydrocarbon sources, reservoirs, and entrappings mechanisms. Students in the Department are invited to use local well log libraries (restricted membership) which have complete collections of well logs and various types of well data for the area. The Department has an extensive collection of well logs, maps and miscellaneous data concerned with oil and gas exploration, reservoir studies and production.

The flexibility of the geology curriculum is demonstrated by the variety of courses available for the B.A. Degree and the B.S. Degree. The student interested in geology as a career should obtain the B.S. Degree. This course of study is necessary in order to secure the proper foundation for successful graduate work and for employment as a geologist.

Major Requirements For The B.A. Degree

In addition to the courses meeting the requirements of the College, a candidate for the degree will take 25 semester hours in geology

including 101, 111, 102 and 112. Other requirements include three hours in engineering, two courses in a foreign language and three hours in speech. Twelve hours are required in math and science, three of which must be in Math 107 or higher level course.

Geology 101, 111, 102, 112 are prerequisites for all other geology courses, and admission to advanced geology classes is allowed after successful completion of the above requirements or upon permission of the instructor.

Major Requirements For The B.S. Degree

In addition to the courses meeting the College's distributive requirements, a candidate for the B.S. will take thirty-five semester hours in geology, including 101, 111, 102, 112, 151, 203, 304, 305, 306, 352, 401, 402, and 440. Other required courses include Chemistry 101, 111, 102, 112; Mathematics 108 and 201; Physics 108, 209 or Biology 101, 111, 102, 112; and two courses in a foreign language. A summer field camp is recommended for all geology students.

Geography

205. Cultural Geography 3
A study of cultural diversity of man as a function of geographical distribution.

206. World Geography 3
Presents essential facts and ideas about the natural and cultural environments in the world environment.

Geology

101. Physical Geology (Lab must be taken with course)
Prerequisite to all other courses in the Department. Introductory lecture course concerned with processes and principles acting upon the earth today.

111. Physical Geology Laboratory 1
Practical studies of minerals, rocks and maps.

102. Historical Geology (Lab must be taken with course) 3
A fundamental part of geology concerned with paleogeography and paleontology. Various concepts are explored for reconstructing ancient environments. Offered yearly.

112. Historical Geology Laboratory 1
An application of the concepts and processes discussed in Historical Geology lectures. Maps, fossils and criteria for the identification of environments are studied. Offered yearly.

151. Regional Geology 3
A brief outline of the geology of the United States. Alternate years.

201. Oil and Gas Law 2
Prerequisite: None. Course will not satisfy distributive requirements. A study of the legal aspects of oil and gas leasing, exploration and production. Various oil and gas leases and assignments are described in detail. Offered on demand.

203. Structural Geology 4
A study of the mechanics of folding, faulting, and other structural features, their geologic effects, and the solution of structural problems. Alternate years.

301. Geology of Petroleum 3
A course devoted to the study of the origin, migration, and accumulation of petroleum, and of the oil and gas fields in the U.S. in general. Alternate years.

302. Geology of the Ark-La-Tex Oil and Gas Fields 3
A detailed study of the various oil and gas fields of the Ark-La-Tex. Alternate years.

303. Well Logging 3
A study of the various methods of well-logging and their application to the general field of geology.

304. Mineralogy 4
A description of the common minerals of the earth's crust, with identification by physicochemical means. Fall of alternate years.

305, 306. Invertebrate Paleontology 3-3
An introduction to the study of structure, mode of life, distribution, and development of the living forms of past ages. Yearly.

351. Economic Geology 3
The genesis of ores, the structure and stratigraphy of mineral-producing ores, and the economic aspect of mineral deposits. Alternate years.

352. Elementary Petrology 4
The description and identification of the common rocks in the crust of the earth, and a study of the theories of origin for the different types of rocks. Yearly.

401. Sedimentology 3
A discussion and study of the origin and environments of sediments and their diagenesis. Yearly.

402. Principles of Stratigraphy 4
The principles underlying the description, identification, and geologic history of the stratigraphic units of the earth's crust. Yearly.

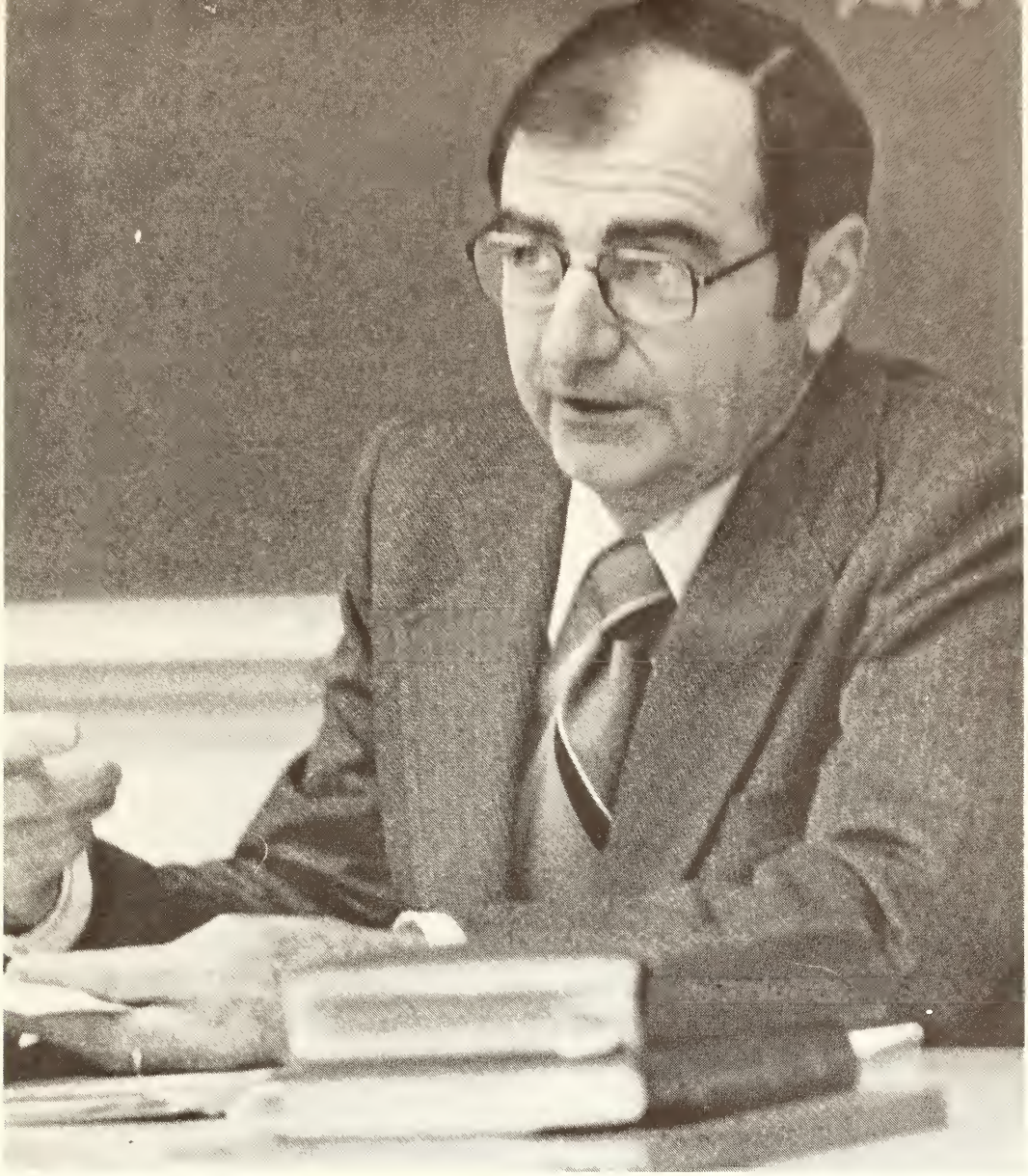
405. Introduction to Geophysical Prospecting 3
Prerequisite: Mathematics 107, or equivalent. An introduction to the various methods of geophysical prospecting for petroleum products. Includes the study of magnetic, gravitational, seismic, electrical, and other methods.

410. Independent Study 1-6
In-depth studies of those aspects of geology not normally covered in existing courses. Prerequisite: Consent of instructor. To be offered on demand.

421. Introduction to Micropaleontology 3
A study of some of the important microfossils of the geologic column and methods of applying these data. Alternate years.

440. Geology Seminar 3
Individual studies of various aspects of the geosciences.

I-99. Interim Studies 3
Special topics offered in the January Interim.



HISTORY AND GOVERNMENT

Associate Professor Loyless, *Chairman*
Professors: Hancock, W. M. Lowrey, Rainey
Associate Professor: Haas
Adjunct Professor: Laslie

The courses offered by the Department of History and Government are designed to make an essential contribution to a liberal education by providing the general student with a comprehensive and integrated knowledge of man's history; to provide the training necessary for more advanced study in history and political science; and to provide the practical knowledge of historical and political developments which is an essential part of the preparation of those students expecting to enter the professions of law, government service, politics, and business.

Pre-Law

The Association of American Law Schools considers it unwise for a college to specify one particular curriculum for all undergraduate students who intend to enter law school. Rather, it advises the student

to select a major in a rigorous, demanding, and personally satisfying area of study.

Entering pre-law students who have not selected a particular academic major are assigned to the History and Government Department for advising, and may choose to pursue a major in one of these fields. However, in a liberal arts college such as Centenary, the principles and goals of pre-law study apply in many other degree programs. Whatever academic major the pre-law student eventually elects, he will be assigned a pre-law adviser as well as a major adviser, and should consult with both.

Listed below are some of the courses which Centenary especially recommends to the pre-law student either as part of his distributive requirements or as electives:

Philosophy 208, Social Philosophy
Philosophy 209, Practical Logic
English 307, History of the English Language
Economics 201-202, Principles of Economics
Psychology 305, Social Psychology
All 300- and 400-level History and Government courses

History

Major Requirements

A candidate for the B.A. in history must complete thirty semester hours in history, including History 441, plus six semester hours in economics and six semester hours in government. Not less than thirty semester hours numbered 300 and above must be presented for graduation of which not less than fifteen must be in history. Students majoring in history are required to complete the intermediate level in a foreign language approved by the major adviser.

A student may be admitted to the Department's Honors Program if he has attained junior standing and meets the other requirements. For details consult the Department Chairman.

101, 102. Survey of Western Civilization 3-3
A survey of the development of western cultures and nations, from the beginnings of history to the present. Yearly.

201, 202. History of England and Great Britain 3-3
A general survey of the history of England and the British Empire to the present time. 1977-78 and alternate years.

205, 206. History of the United States 3-3
A survey of the major developments in the history of the United States from colonial times to the present. Yearly.

207. History of Louisiana 3
A survey of the history of Louisiana under France, Spain, and the United States. Yearly.

301, 302. History of the Christian Church 3-3
(Same as Religion 301, 302.) 1977-78 and alternate years.

305, 306. Europe in the Nineteenth Century, 1815-1914 3-3
The history of Europe during a century of dramatic transformation. Attention will be given to the Industrial Revolution, post-Napoleonic reaction, liberalism,

revolution, nationalism, imperialism, and the coming of World War 1. 1978-79 and alternate years.

307. Afro-American History 3

A social, cultural and political history of black Americans from their African origins to the present. Fall, 1977 and alternate years.

308. History of Urban America 3

An examination of American cities from colonial times to the present, with emphasis on the effect of urbanization upon politics, ethnic groups, economics, and culture. Spring, 1978 and alternate years.

309, 310. History of American Foreign Relations 3-3

A diplomatic history of the American people, with emphasis on the influence of public opinion in determining foreign policy. 1978-79 and alternate years.

313, 314. Twentieth Century Europe 3-3

A survey of European social, cultural, economic, and political developments, emphasizing the unique characteristics of the major European nations; and their effects upon international relationships. First semester: 1914-1939; second semester: 1939 to the present. Summer, 1977 and alternate years.

317, 318. Renaissance and Reformation 3-3

A study of the important social, political, economic, and cultural developments in European civilization during the 14th and 15th centuries. The Reformation section covers the 16th century and the first half of the 17th century. (Same as Religion 317, 318.) 1978-79 and alternate years.

321, 322. American Intellectual History 3-3

The evolution of American intellectual and cultural life from colonial times to the present, as expressed in political and economic thought, theology, philosophy, literature, and science, with reference to the interaction between ideas and social structures. Yearly.

325. History of the Ante-Bellum South 3

An examination of the South from colonial days to the Civil War with emphasis on the institution of slavery, agriculture, society, and the development of sectionalism. Fall, 1978 and alternate years.

326. History of the Modern South 3

A study of the South from Reconstruction to the present, with emphasis on politics, economics, culture, and race relations. Spring, yearly.

341, 342. Latin America History 3-3

First semester: a study of Spain and Portugal during their Golden Ages, with emphasis on the Iberian and African cultures and institutions which influenced their discoveries and conquests. Second semester: the development of the independent states of Latin America in the 19th and 20th centuries. Yearly.

351. East Asian Civilization 3

A study of the history, culture, and social conditions in China and Japan from the beginning of recorded history to 1800, with particular emphasis on differences in cultural heritage between the Occidental and the Oriental worlds. Fall, 1977 and alternate years.

352. Modern China and Japan, 1800-Present 3

A study of the impact of Western culture on the Far East and its reaction, with emphasis on the rise of China and Japan to their present positions as world economic and political powers. Spring, 1978 and alternate years.

395. Selected Topics 3

Prerequisite: Consent of the instructor. A detailed study of the area of history not normally covered in the regular history courses. Offered on demand.

399. Independent Studies 1-6

Students taking History Honors will earn credit with Honors in this course through concentrated study of selected topics. Other students with particular historical interests which cannot be satisfied in regularly listed courses may

register for directed study in areas such as Progressivism, Modern India, Society in the 1920's, Idealism in American Foreign Policy, the Industrial Revolution in England, and others, subject to Faculty approval. May be repeated for credit with different topics. Permission of the Department is required. Yearly.

441. Seminar in History 3

Prerequisites: History major and consent of instructor. A study of various schools of historical scholarship and an introduction to the elements of historical research and writing. Yearly.

I-99. Interim Studies 3

Special topics offered in the January Interim.

Government

Major Requirements

A candidate for the B.A. in Government must complete thirty semester hours in government, including 441, plus six semester hours in history and six in economics. Not less than thirty semester hours numbered 300 and above must be presented for graduation, of which not less than fifteen hours must be in government. Students majoring in government are also expected to complete the intermediate level courses in a foreign language approved by the major adviser. Government 201 and 207 or consent of instructor are prerequisite to all 300- and 400-level courses.

A student may be admitted to the Department's Honors Program if he has attained junior standing and meets the other requirements. For details consult the Department Chairman.

101. Introduction to Political Science 3

Basic principles of political science and political behavior which may be applied at all levels of government. Yearly.

201. American Government 3

Constitutional principles, agencies of the federal government and their relationships to the states, and individual civil rights, citizenship, political subdivisions. Yearly.

203. Statistics for Behavioral Sciences 3

Prerequisite: Mathematics 105 or higher. The logic and application of standard statistical tests in the analysis of data. Topics include: descriptive statistics, statistical inference, correlation, T-test, and simple analysis of variance. Yearly. (Same as Sociology 203 and Psychology 203.)

207. International Relations 3

A survey of current world problems, with emphasis upon world organizations, power politics, international law, geopolitics, and peace organizations. Yearly.

210. State and Municipal Government 3

A survey of problems, functions, and weaknesses in state and municipal governments with emphasis upon political machines, types of municipal government, local planning, and study of government in Louisiana. Yearly.

305. Comparative Government I: Industrial Societies 3

Political change and development in selected industrial societies. Comparative study of national institutions and processes, emphasizing the socio-economic and cultural context of those societies. Fall, 1978 and alternate years.

306. Comparative Government II: Agrarian and Industrializing Societies 3

Comparative theories of social change and development in selected countries. Cross national analysis of parties, military elites, and governmental structures as they affect political change in 3rd world nations. Spring, 1979 and alternate years.

307. Political Theory 3
A study of classic political thought and its use in modern political analysis. Yearly.

315. Political Behavior 3
Prerequisite: Government 101 or 201. The nature and roles of public opinion, interest groups, and political parties in pluralistic societies. Emphasis will be given to American politics. Concepts of political behavior and techniques of political action will be studied. Problems in political participation, communication, leadership and decision-making will also be considered. Fall, 1977.

324. International Law 3
A study of the development and foundations of international law; the laws of war, peace, and neutrality; and a study of the laws of treaties with emphasis on law enforcement, state responsibilities, diplomatic immunities, and war crimes. Yearly.

330. Public Administration 3
The study of the character and functions of the administrative institutions of government. Includes the study of bureaucracy as an institution, the sociology of the large administrative organizations, and relationships of these organizations to the other institutions and functions of government. The internal management of government agencies is also considered. Offered on demand.

335. Public Policy Analysis 3
Prerequisite: Government 201. An integrative study of the policy-making process. The relationship of persons, groups, and governmental and non-governmental institutions in initiation, formulation and implementation of public policy in the United States. Organization and manipulation of opinion. Theories of policy formulation and decision-making will also be considered. Offered on demand. years. Offered on demand.

340. Urban Politics 3
Prerequisite: Government 210 or 201 or permission of the instructor. Growth of cities and metropolitan areas. Emergence of the urban environment as a focus for public policy. Implications of metropolitan development and functions for the organization of government and politics in the United States. Impact of the metropolis on governmental programs will also be considered. Offered on demand.

395. Selected Topics 3
Prerequisite: Consent of the instructor. A detailed study of the area of government not normally covered in the regular government courses. Offered on demand.

399. Independent Study 3
Students taking Government Honors are required to earn credit for honors in the course through concentrated study of selected topics. Other students with particular interests outside the regular course offerings of the Department may register for directed study with permission of the Department. May be repeated for credit with different topics. Yearly.

401-402. Internship in Administration 3-3
Designed to provide an opportunity for the student to expand his theoretical knowledge and practical application of administrative principles by first-hand experience in various public agencies. Offered on demand.

421. Comparative Economic Systems 3
The nature and operations of alternative systems for determing resource allocation and utilization. Fall, 1977 and alternate years. (Same as Economics 421.)

441. Seminar in Government 3
Prerequisites: Government major and consent of instructor. A study of scholarship in government and an introduction to the elements of research. Yearly.

I-99. Interim Studies 3
Special topics offered in the January Interim.

MATHEMATICS

Professor Carlton, *Chairman*
Associate Professor: Speairs
Assistant Professors: Danvers, Thomas

The Department of Mathematics aims to contribute to the student's liberal education by showing the role mathematics has played and is playing in the development of civilization, and by giving him the opportunity to appreciate mathematics for its own esthetic qualities.

It aims particularly to give fundamental training to students in the natural sciences and engineering, and also to those in the social and behavioral sciences. The mathematics curriculum is so planned that a student majoring in the field may choose any one of a number of avenues to follow after graduation, including the teaching profession, work in industry, in computer mathematics, further training toward actuarial work, or the combination of mathematics with other scientific training, as well as graduate work in pure mathematics. A description of the Computer Science Program follows the Major Requirements below.

High school mathematics through trigonometry is the recommended background for incoming freshmen, although the admission requirement is less.

Major Requirements

Students with a major in Mathematics may receive either a B.A. or B.S. degree, the choice being determined by whether supportive work is predominantly in the humanities or in the sciences.

For either degree a minimum of 27 semester hours of mathematics in courses numbered 201 or higher is required. Nine semester hours must be in courses numbered 401 or higher. Of the thirty semester hours numbered 300 or higher for degree requirements, at least twelve must be taken outside the Department of Mathematics. Supportive requirements: A foreign language through the 202 level.

Distributive requirements in Mathematics may be met by courses numbered 104 or higher.

A student may be admitted to the Honors Program of the Mathematics Department if he has attained junior standing and meets the other requirements. For details consult the Department Chairman.

104. Mathematics and Civilization 3
The tracing of several basic mathematical ideas from their elementary origins to their sophisticated recent versions. Two of these are: (1) the geometric nature of space, and (2) the development of man's computational skill.

105. Introduction to Finite Mathematics 3
(Open only to non-science majors.) Statement logic. Elementary theory of sets. Counting problems and probability theory. Vectors and matrices. Applications. Offered each semester.

107. Elementary Functions 3
A unified study of elementary functions. Algebraic, exponential, logarithmic, and trigonometric functions and their applications. Offered each semester.

108. Analytic Geometry and Calculus I 3
Coordinate systems, straight lines, functions, and graphs. Limits, derivatives of algebraic functions, applications of the derivative. Each semester.

115. Mathematics for Teachers 3
(Open for credit only to elementary education majors.) Topics from number theory, geometry, algebra, and the history of mathematics. Offered yearly.

201. Analytic Geometry and Calculus II 3
Prerequisite: Mathematics 108. The definite and indefinite integral. Derivatives and integrals of expotential, logarithmic, hyperbolic, trigonometric, and inverse trigonometric functions. Techniques in integration, integration by parts. Offered each semester.

202. Analytic Geometry and Calculus III 3
Prerequisite: Mathematics 201. Further application of the calculus. Basic properties of continuous and differential functions. Infinite series. Plane curves and polar coordinates. Offered yearly.

203. Linear Algebra 3
Prerequisite: Mathematics 108. Systems of linear equations, vector spaces, linear dependence, bases, dimensions, linear mappings, matrices, determinants, applications. Alternate years.

303. Analytic Geometry and Calculus IV 3
Prerequisite: Mathematics 202. Three-dimensional analytic geometry. Introduction to vector analysis. Differential calculus of several variables. Multiple integration. Line and surface integrals. Offered yearly.

304. Foundations of Geometry 3
Prerequisite: Consent of instructor. Advanced Euclidean geometry with emphasis on transformation theory. Topics from ordered geometry, affine geometry, absolute geometry, non-Euclidean geometry, and n-dimensional geometry. Alternate years.

305. Mathematical Statistics 3
Prerequisite: Mathematics 201. Probability, sample spaces. Mathematical models, testing hypotheses. Empirical and theoretical frequency functions. Correlation and regression. Testing goodness of fit. Alternate years.

306. Modern Algebra 3
Prerequisite: Mathematics 201. Basic properties of groups, rings, fields, and morphisms. Alternate years.

307. Differential Equations 3
Prerequisite: Mathematics 303. Common types of ordinary differential equations, especially of the first and second order. Problems which lead to differential equations and the standard methods of their solution. Yearly.

398. Colloquium, Oak Ridge Semester 1
Prerequisites: Junior standing and admission by SCUU Selection Committee. A program of speakers on a variety of scientific and social issues presented by staff at Oak Ridge National Laboratory under supervision of resident SCUU Faculty. (Same as Biology 398/Chemistry 398/Physics 398.)

399. Research, Oak Ridge Semester 1-6
Prerequisites: Junior standing and admission to the program by the SCUU Selection Committee. Research performed through participation in the SCUU-Oak Ridge Semester Program under supervision of senior staff at Oak Ridge National Laboratory. (Same as Biology 399/Chemisty 399/Physics 399.)

400. Internship in Mathematics 1-3
(For Mathematics majors only—not included in the required nine courses for the major.) Credit is given for on-the-job training in certain vocational areas of mathematics.

403. Topology 3
Prerequisite: Mathematics 303. A survey of fundamental properties of topological spaces with particular emphasis on the real number system. Connectedness, compactness, continuous mapping, homeomorphism, metric spaces. Spring of alternate years.

404. Vector Analysis 3
Prerequisite: Mathematics 303. A basic course in vectors. Topics include vector and scalar products, vector equations, and vector calculus. Applications from differential geometry and physics. Curvature, torsion, and Gaussian curvature. Yearly.

405. Numerical Analysis 3
Prerequisites: Mathematics 303 and 123 or the equivalent. Selected numerical methods dealing with the solution of algebraic and transcendental equations, finite differences and interpolation, integration, and differential equations. Alternate years.

407. Introductory Real Variable Theory I 3
Prerequisite: Mathematics 303. Real and complex systems, sets, metric spaces, continuity and differentiation. Alternate years.

408. Introductory Real Variable Theory II 3
Prerequisite: Mathematics 407. Riemann-Stieltjes integral, sequences and series of numbers and functions. Alternate years.

410. Independent Study in Mathematics 1-6
(Open to advanced students in mathematics with departmental approval.) One hour conference per week. Library and research work pertinent to the area of study selected. A written thesis is required.

I-99. Interim Studies 3
Special topics offered in the January Interim.

Computer Science Program

The program in Computer Science is offered for students with majors in mathematics, business, economics, government, and other fields who are choosing to enter the field of data processing or who wish to continue study of computer science in graduate school.

In addition to major work and the four courses listed below a student in this program is required to take Business 328, Business 415, and a statistics course from either the mathematics, economics, or psychology departments. It is recommended that he take at least the first semester of calculus and Mathematics 203. The courses below, offered for the Computer Science Program, are not included in the required courses for a major in mathematics. Of that group only Mathematics 123 may be used to satisfy distributive requirements in mathematics. (For further description see Section VII, Programs, page 144.)

123. Computer Systems 3

Introduction to computer languages, methods, and operations, with particular emphasis on Fortran IV and its application to a variety of problems using the College computer. Each semester.

223. Computer Systems—COBOL 3

An introduction to computer programming in the business oriented language COBOL. Hands on experience in writing, running, and debugging programs provided. Applications and problems primarily business oriented. (Same as Business 223.)

324. Information Systems 3

Prerequisites: Mathematics 123 and 223; or Mathematics 123 and concurrent enrollment in Mathematics 223, and consent of instructor. Introduction to advanced programming techniques; file organization and manipulation, sorting and searching, error checking, and program documentation. A system of programs will be designed, written, and tested to implement some type of computer application. Yearly.

401. Internship in Computer Science 1-3

Prerequisite: Mathematics 123 or 223. Credit is given for on-the-job training in certain vocational areas of computer science.

HURLEY SCHOOL OF MUSIC

Professor Snow, *Dean of the Hurley School of Music*
Professors: Causey, Reynolds, Rupert, Teague
Associate Professors: Armes, Dean
Assistant Professor: Dickson
Professors Emeriti: Harlan, Perkins
Lecturers: Andress, Buckner, Caughey, Cooper, Franklin, Kacenjar, Kozak, Lacy, Oelrich, Pankratz, Savant, Shenaut.

Centenary College offers the B.A. degree with a major in music, and the B.M. degree with concentrations in applied music, music education, sacred music, and composition. The Hurley School of Music at Centenary College is fully accredited by the National Association of Schools of Music as well as the Southern Association of Colleges and Schools.

The Hurley School of Music adheres to the highest musical and academic standards and seeks to prepare the student for entry into the professional world of music as performer, teacher, or into one of the many related fields such as music therapy, retailing, publishing, broadcasting, music management, music library work, and arts administration.

The School of Music also offers breadth opportunities for a rounded liberal arts education and provides cultural enrichment to the campus and community.

DEGREE PROGRAMS

Candidates for all degrees in the Hurley School of Music will meet the following requirements:

Piano Proficiency

All music majors will be expected to demonstrate an adequate proficiency in piano. This proficiency test will include sight reading, accompanying, and performing at a reasonable level determined by the School of Music and will normally take place during the second semester of the sophomore year.

Ensemble

The music major is required to participate in an ensemble for each semester he is enrolled in a degree program. The student is expected to accumulate eight hours of ensemble credit, however no more than eight hours can be applied to the 124 hours necessary for graduation.

Recital and Reading

Majors will attend all student recital hours and reading sessions. In addition they will attend a minimum of 10 formal concerts and recitals per semester.

Bachelor of Music: Performance

Areas of concentration are piano, organ, voice, composition and the orchestral instruments.

The candidate for this degree must complete 72 to 80 semester hours in music including an ensemble requirement. The remainder of the 124 semester hours required for graduation must be taken in non-music areas. As the requirements vary with area of concentration the candidate should consult early with the Dean of the Hurley School of Music.

Bachelor of Music: Music Education

This program will prepare the student for certification on the elementary or secondary levels in the public school systems of Louisiana. All students planning to certify as teachers must by the end of the sophomore year petition the selective admissions committee of the Teacher Education Advisory Council for acceptance into the Department of Education. Interested students should consult with the Dean of the School of Music for details for this particular curriculum. Concentration will be in vocal or instrumental.

Those who concentrate in instrumental music must complete those general courses required by the state of Louisiana for teacher certification and the following music courses: Music 001-002, 003-004, 150, 250, 350, 450; Music 111-112, 211-212, 141-142, 341-342, 411, 441, 331, 332, 333, 334, 323, 326, and 423.

Those who are vocal majors will complete the general courses required by the State and the following music courses: Music 001-002, 003-004, 150, 250, 350, 450; Music 107-108, 111-112, 211-212, 141-142, 341-342, 441, 323, 326, 423 and 10 semester hours in applied piano or other instruments.

Bachelor of Music: Sacred Music

This is a new program created to provide professional leadership for our churches in the area of worship and music. The student can concentrate in either organ or voice/choral. In addition to the regular music curriculum the Sacred Music candidate will take Religion 201, 202, 212, 313, and Psychology 211. The remainder of the 124 semester hour requirement for college graduation will be taken in non-music areas and must include English 101-102. Music 360, 361, and 460 are offered in a continuing cycle and none is a prerequisite to another.

The sacred music-organ candidate must complete the following music courses: Music 001-002, 003-004, 150, 250, 350, 450 in organ, 170, 270 in voice, Music 111-112, 211-212, 214, 141-142, 341-342, 441-442, 315-316, 323, 326, 423, 360, 361, and 460.

The sacred music-voice/choral candidate must complete the following music courses: Music 001-002, 003-004, 150, 250, 350, 450 in voice, 170, 270 in organ, Music 107-108, 111-112, 211-212, 214, 141-142, 341-342, 441-442, 323, 326, 423, 360, 361 and 460. The student must satisfy the piano proficiency requirement before beginning organ 170, 270.

Bachelor of Arts: Music Major

Areas of concentration are piano, organ, voice, and the orchestral instruments. The candidate must meet the distributive requirements of the College and in addition complete Music 001-002, 003-004, 150, 250, 350, 450, Music 111-112, 211-212, 141-142, 341-342 and 441-442.

ADMISSION

In addition to meeting the admission requirements of Centenary College, the candidate for a music degree must further successfully pass an audition in his/her major performing medium in order to be admitted to the Hurley School of Music.

Applied Music

All prospective music majors will be required to audition or submit a tape recording of their area of applied music concentration. Evaluation of this audition will determine whether or not a student will be accepted into the School of Music without condition. Students who meet all admission requirements but fail to meet School of Music standards in applied music will be allowed to register for Music 170

(Applied Music). If minimum applied music standards are attained, the student will then be admitted into the normal applied music course sequence at a level consistent with his achievement (Music 100, 200, et seq.). Arrangements for audition or submission of a tape should be made prior to registration with the Dean of the School of Music.

Credit in applied music for students transferring from other schools will be determined by an audition or a tape recording submitted in advance of registration. Transfer students should also expect to take examinations in music theory and music history to determine whether or not equivalent standards have been met. Until auditions and examinations have been completed and evaluated, music credit for any transfer student will be provisional.

Examinations in applied music are held at the end of each semester before the appropriate music faculty. At the end of the sophomore year all music majors will be expected to qualify in the area of their applied music major before a full faculty jury. The recommendation of the jury will determine whether or not the student continues in the applied music course sequence he has elected.

001-002. Recital Attendance **0-0**

All music majors are required to register for Recital Attendance for every semester in which they are enrolled at Centenary.

003-004. Reading Choir **0-0**

Designed to expose students to a great quantity of literature from all periods which will sharpen the stylistic awareness and technical facility for dealing with music in score.

107-108. Voice Laboratory **2-2**

Survey of pronunciation of Italian, French, German, and English. International phonetic alphabet used. Required for all voice concentrations as part of their applied music major.

111-112. Elementary Music Theory **4-4**

An integrated study of theory. Part writing, keyboard, sight singing, and ear training are presented concurrently in order to make the student aware of the relationships between these elements. Small formal units are included. Required of all music majors.

129-130. Piano Class **1-1**

For non-keyboard music majors working to pass the piano proficiency examination, and for electives. Two class hours and six practice hours weekly.

141-142. Introduction to Music History and Literature **2-2**

An introduction to the principal styles, composers, forms, and media found in the standard repertoire. Required of all music majors.

143-144. Music Appreciation **3-3**

A cultural course for the general college student. Survey of the principal musical styles and media. Not for music majors.

211-212. Advanced Music Theory **4-4**

Prerequisites: Music 111-112. A continuation of Music 111-112, with emphasis on modulation, altered chords, larger formal structures, and some contemporary techniques. Required of all music majors.

214. Counterpoint **3**

Prerequisite: Music 211. A study of 18th century contrapuntal techniques through composition and analysis.

229-230. Piano Class **1-1**
Continuation of Music 129-130. Piano proficiency examination is the final examination for Music 230. Two class hours, six hours practice weekly.

309-310. Composition **1-1**
Prerequisites: Music 211-212. Basic techniques of composition. Writing in smaller forms. Alternate years.

315-316. Accompanying and Improvisation **2-2**
The art of accompanying on the organ and the adapting of other scores to the organ. Develops fluency in improvisation at the organ by using basic keyboard skills, basic forms, and modulations. Alternate years.

323. Principles of Conducting **2**
A study of the basic principles of conducting. Familiarity with baton techniques, basic patterns, and elementary score reading.

326. Techniques of Conducting **2**
A study of the techniques related to both choral and instrumental conducting. Consideration of the problems involved in conducting a vocal ensemble, a band, an orchestra and groups with both singers and players.

329. Music Education **3**
Theory of music and elementary music teaching methods for the general classroom teacher.

331. String Class **1**
Study of the principles of string instruments. Meets twice weekly. Offered alternate years.

332. Woodwind Class **1**
Study of the principles of woodwind instruments. Meets twice weekly. Offered alternate years.

333. Brass Class **1**
Study of the principles of brass instruments. Meets twice weekly. Offered alternate years.

334. Percussion Class **1**
Study of the principles of percussion instruments. Meets twice weekly. Offered alternate years.

335-336. Piano Teaching Methods **2-2**
Survey of piano pedagogy with review of various methods and approaches to the teaching of piano.

339-340. Voice Class **1-1**
Fundamentals of voice production. For non-voice majors, and for electives.

341-342. Music History **3-3**
Prerequisites: Music 141-142 or consent of instructor. First semester: history of music through the Renaissance. Second semester: history of music from the Renaissance through the 18th century.

360. Sacred Music I: Liturgical Music and Hymnology **3**
History of the development of various liturgical forms (the Mass, Judaic musical heritage, Anglican and Lutheran Liturgies). Origins and uses of the great hymns, the ecclesiastical year and music appropriate to it.

423. Advanced Conducting **2**
A continuation of Techniques of Conducting. A more intensive study of score preparation, rehearsal techniques, and performance experiences.

441-442. Music History **3-3**
Prerequisites: Music 341-342. First semester deals with the history of music from the end of the 18th century to the present. Second semester is a seminar of intensive studies in various musical topics (normally two or three different ones each semester). Second semester may be repeated for three hours credit.

361. Sacred Music II: Organ and Choral Literature **3**
Study of the various forms of choral and organ literature with detailed study

of representative compositions. The organ and choral literature which would have practical application for the church musician.

411. Orchestration 3

Scoring and analysis of scores for orchestra and band.

460. Sacred Music III: Church Music Management and Internship 3

The organization and administration of a complete church music program. Rehearsal planning and techniques, graded choir system, the music program and its integration into the total church program, equipment, music library, organ design and placement. Practical application and observation of church music programs in the local area.

I-99. Interim Studies 3

Special topics offered in the January Interim.

Applied Music: Private Instruction

100. Major Applied 4-4

Freshman applied music for B.M. in performance. One hour private lesson weekly for two semesters with minimum of 20 hours practice a week.

200. Applied Music 4-4

Sophomore applied music for B.M. in performance. One hour private lesson weekly for two semesters with minimum of 20 hours practice a week.

300. Major Applied 4-4

Junior applied music for B.M. in performance. One hour private lesson weekly for two semesters with minimum of 20 hours practice a week.

400. Major Applied 4-4

Senior applied music for B.M. in performance. One hour private lesson weekly for two semesters with minimum of 20 hours practice a week.

150. Major Applied 2-2

Freshman applied music for B.M. in Music Education, B.M. in Sacred Music or B.A. in performance. One hour lesson weekly for two semesters with a minimum of 10 hours practice a week.

250. Major Applied 2-2

Sophomore applied music for B.M. in Music Education, B.M. in Sacred Music or B.A. in performance. One hour lesson weekly for two semesters with a minimum of 10 hours practice a week.

350. Major Applied 2-2

Junior applied for B.M. in Music Education, B.M. in Sacred Music or B.A. in performance. One hour lesson weekly for two semesters with a minimum of 10 hours practice a week.

450. Major Applied 2-2

Senior applied music for B.M. in Music Education, B.M. in Sacred Music or B.A. in performance. One hour lesson weekly for two semesters with a minimum of 10 hours practice a week.

170, 270, 370, 470. Private Applied 2-2

Half hour lesson weekly with minimum of seven hours practice a week. For minor instrument, voice, or non-major elective. Also may be recommended for entering freshmen who are deficient in their applied area. May be repeated for additional credit.

Ensembles

151. Band 1-1

The Band offers training in the performance of works written specially for wind ensembles. Some public performances. Audition required.

153. Centenary Choir 1-1

The Centenary Choir has gained international fame and is very active in performance on concert tours and on television. By audition only.

155. Orchestra **1-1**
The Shreveport Symphony is resident at the Hurley School of Music. Professional positions available to advanced players. Audition with conductor John Shenaut.
157. Stage Band **1-1**
Exploration of the literature for the big band. This group plays at all home basketball games and has several public performances. Audition required.
157. Opera Workshop **1-1**
An operatic workshop which includes training in basic opera repertoire and tradition, coaching, instruction in acting techniques, stage deportment, and preparation for productions leading to public performances. Audition required.
157. Hurley Chamber Singers **1-1**
This group sings the great choral chamber literature from all periods of music history. Many public performances. Membership by audition.
157. Hurley Chamber Orchestra **1-1**
School of Music orchestra which plays a full range of chamber literature and accompanies standard choral and concerto literature.
157. Symphony Chorale **1-1**
The Shreveport Symphony Chorale prepares and performs the major choral works with the Shreveport Symphony.
157. Chamber Ensembles **1-1**
Ad hoc quartets, quintets, trios, etc.
157. Piano Accompanying **1-1**
The keyboard student may accompany a soloist or ensemble for ensemble credit.

PHILOSOPHY

Professor Cox, *Chairman*
Adjunct Professor: Beaird

The courses in philosophy are designed to acquaint the student with systems of thought about life and reality, and to help him understand the function of intelligence in life. To this end the Department provides courses in problem areas contributing to other academic disciplines and the general liberal arts program of the College, and a major in preparation for professional or graduate work. Although in general all the courses are designed for students who have attained sophomore or higher standing, exceptions may be made by the instructor for students with particular abilities. Philosophy 101 is not considered a necessary prerequisite for other courses.

Major Requirements

A philosophy major is required to take thirty semester hours in philosophy, including 202, 209 or 210, 301, 302, and six semester hours at the 400 level. The approval of the entire course of study by a departmental adviser is also necessary. Six hours at the intermediate level of a departmentally approved foreign language are required.

101. Introductory Problems in Philosophy 3
An introduction to philosophical method through problems selected from such areas as theory of knowledge and reality, art, ethics, religion, and science. Yearly.

202. Ethics 3
An introduction to the basic concepts and problems of ethics. Ancient and modern theories considered. Yearly.

205. Esthetics 3
A philosophical study of the creative impulse, the art object, and the esthetic experience. Yearly.

208. Social Philosophy 3
An examination of such concepts as freedom, equality, justice, and democracy as related to contemporary issues of social policy. Yearly.

209. Practical Logic 3
A survey of the practical uses of logic in everyday life in reference to such topics as logic and language, informal fallacies, and the general character of deduction and induction. Yearly.

210. Symbolic Logic 3
Prerequisite: Philosophy 209 or permission of Department. An introduction to the basic formal principles and methods of symbolic logic and deductive inference. On demand.

301. History of Ancient and Medieval Philosophy 3
An examination of the major philosophical systems from the early Greeks to the 17th century. Yearly.

302. History of Modern Philosophy 3
An examination of the major philosophical systems from the 17th century to the present. Yearly.

303. Philosophy of Religion 3
A study of the problems of religious language and truth, the existence of God, and related religious concepts. Yearly. (Same as Religion 303.)

304. Contemporary Philosophy 3
An examination of the major figures and types of 20th century philosophy. Alternate years.

307. Philosophy of Eastern Religions 3
An historical study of the fundamental philosophical concepts of near and far eastern religions and ethical systems. Alternate years. (Same as Religion 307.)

309. Epistemology and Metaphysics 3
Study of alternative theories concerning the nature of knowledge and reality in terms of selected problems such as rationalism and empiricism, universals and individuals, mind and matter, being and God. Alternate years.

401, 402. Seminars 3-3
Prerequisite: Permission of instructor. Group study of historical topics or of problems, as determined by student interest and need. Study based on student discussion and papers. Offered yearly, or upon demand.

403. Independent Study 1-6
Prerequisite: Permission of instructor. Independent research and writing on a problem of student's choosing with approval and under direction of instructor. Offered yearly, or upon demand.

I-99. Interim Studies 3
Special topics offered in the January Interim.

PHYSICAL EDUCATION

Assistant Professor Haley, *Chairman*
Instructors: Edwards, Evans

The Department of Physical Education offers an opportunity for all students to participate and acquire skills and knowledge in a variety of sports and activities, including individual and team sports, conditioning exercises, dance, gymnastics, and swimming. Opportunities for competitive experiences for both men and women in a variety of sports and activities are provided through the intramural program. The Department prepares its majors for teaching in elementary and secondary schools, athletic coaching, recreational work in churches, and admission to graduate school.

Activity courses are open to all students who wish to participate. Courses numbered 101 through 202 are activity courses. Non-majors wishing to take theoretical courses in Physical Education must have authorization from the Department Chairman. In most instances PE 223 is a prerequisite for all theoretical courses with the exception of I-99, 221, 239, 321 and 354.

Major Requirements

Candidates for the B.S. degree in Physical Education must meet all distributive requirements of the College and complete 32 hours in physical education. The following courses must be taken by all physical education majors: 221, 223, 324, 330, 423, and 8 hours of techniques, including not more than 4 hours in coaching. All physical education majors must also take Biology 217. The remainder of the 32 hours must be taken from physical education courses numbered 120 or above and be approved by a faculty adviser.

All majors wishing to certify as teachers must meet state certification requirements in secondary education. See Education.

To be certified as a teacher in health and safety as well as physical education, P.E. 224, 321, 322, 354, and 355 should be taken.

101-102. Varsity Athletics **1**
Activity course for individuals engaged in varsity athletics, cheerleading and pom-pon dancing.

121-122. Ballet (Beginning) **1-1**
Introduction to the fundamentals of classical ballet and vocabulary. (Same as T/S 121-122.)

123-124. Tap (Beginning) **1-1**
Basic tap technique and vocabulary. (Same as T/S 123-124.)

125-126. Jazz (Beginning) **1-1**
Introduction to basic modern jazz technique and vocabulary with emphasis on body placement and exercises to increase the flexibility of the body. (Same as T/S 125-126.)

201-202. Co-Educational Activity **1-1**
Archery, Badminton, Bowling, Conditioning Exercises, Dance (Tap, Ballet, Jazz), Golf, Gymnastics, Power Volleyball, Swimming and Tennis.

221. First Aid, Safety, and Athletic Training 2
Designed to develop competence in rendering immediate and temporary aid to a victim of accident, sudden illness, or athletic injury. Theoretical and practical approach. Covers both standard and advanced courses of the American National Red Cross, with certificates granted for satisfactory work. Meets three hours each week. Yearly.

222. Techniques of Gymnastics 2
Instruction in the techniques of teaching basic skills in men's and women's gymnastics. Yearly.

223. History and Principles of Physical Education 3
An introductory course designed to acquaint students with the biological, psychological, and sociological foundations of physical education, and to provide historical reference sufficient for intelligent interpretation and evaluation of current practices in the field. Yearly.

224. Safety Education 3
A study of safety, including causes and prevention of accidents in home, school, traffic, industry and recreation; laws concerning legal liability, accidents and liability insurance. Alternate years.

231. Organization and Administration of Intramural Sports 2
Prerequisite: By consent of instructor. A study of methods commonly used in organizing and administering a program of intramural sports in public schools. Emphasis is given to classification for competition, rules and regulations, league play statistics, arrangements, and officiating. Yearly.

232. Sports Officiating 2
Principles, techniques and practices of officiating with emphasis on rules, rule interpretations and mechanics. Practical experience will be arranged. Alternate years.

239. Materials and Methods of P.E. for the Elementary Grades 3
A study of factors influencing effective organization and instruction of physical education in the modern elementary school with emphasis upon movement education. Yearly.

321. Personal and Community Health 3
An introduction to factors influencing and determining personal and community health with emphasis upon major health problems of adults and environmental health problems. Yearly.

322. Health Education in the Secondary School 3
Prerequisite: P.E. 321 or consent of instructor. Methods and materials for teaching health in the secondary school, including health services and use of modern health resources. Alternate years.

324. Kinesiology 3
Prerequisite: Biology 217. A study of the factors influencing bodily movement. Consideration is given to the mechanical and physiological actions of joints and muscles. Alternate years.

330. Tests and Measurements 3
A study of tests designed to measure health, physical fitness, strength, motor ability, game skills, and the use of the results of the tests. Yearly.

332. Swimming and Lifesaving Techniques 2
A course designed to develop basic skills in swimming as well as the ability to aid others in distress in water. Senior Lifesaving certificate of the American National Red Cross may be obtained. Yearly.

334. Folk and Square Dance Techniques 2
Techniques of teaching folk, ballroom and square dance. Alternate years.

341. Theory and Techniques of Team Sports 3
Analysis techniques, progression in presentation, practice, lead-up activities and knowledge of official rules. Alternate years.

342. Theory and Techniques of Individual Sports 3
Techniques of teaching lifetime sports which are popular as leisure activities. Alternate years.

347. Techniques of Coaching Football and Basketball 3
A study of the basic offensive and defensive formations and patterns, their strengths and weaknesses. Instruction in fundamentals, program organization and administration are included. Alternate years.

348. Techniques of Coaching Baseball, Track and Field 3
A study of the fundamentals of baseball and track and field events, game strategies and meet administration. Alternate years.

354. School Health 3
Organization and administration of the school health program with emphasis upon basic nutrition, control of communicable diseases and other major health problems of school children. Yearly.

355. Health Education in the Elementary School 3
Prerequisite: P.E. 354 or consent of the instructor. Methods and materials for teaching health in the elementary school, including health screening and use of modern health resources. Alternate years.

395. Selected Topics 3
A detailed study of an area of physical education not normally covered in regular physical education courses. On demand.

423. Administration of Health and Physical Education 3
A study of the principles underlying the organization and administration of programs of health and physical education in modern schools. Alternate years.

431. Independent Study 1-6
Prerequisite: Permission of Department Chairman. A course of directed study and independent work under the supervision of a member of the Department. In certain cases credit may be given for supervised work in community and College activities in the field of physical education.

I-99. Interim Studies 3
Special topics offered in the January Interim.

PHYSICS

Professor Galloway, *Chairman, Keen Professor of Physics*
Professor: White
Professor Emeritus: Parker
Associate Professor: Trahan

The physics curriculum is made up of introductory courses designed to familiarize the non-science major with the fundamental concepts of physics and astronomy; courses designed to give the science major a firm grasp of the principles of classical and modern physics; and advanced courses designed to prepare the physics major with the necessary background in experimental and theoretical physics to meet the demands of graduate study and research.

The freshman who plans to major in physics should have a high school background in mathematics through trigonometry. In the absence of such preparation, he is strongly advised to take Mathematics 107 or an equivalent course during the summer session prior to the fall semester of his freshman year.

Major Requirements

There are two major programs in physics, one leading to the degree of Bachelor of Arts, the other to the degree of Bachelor of Science. The B.A. degree requires the following courses: Physics 108, 118, 209, 219, 204, 211, 301-202, 311, 321, and 413; in addition the B.A. degree requires either Physics 304 or Engineering 321; Mathematics 108, 201, 202, and 303; and two courses in one of the related fields of chemistry, geology, biology, astronomy, or engineering. The B.S. degree requires these courses, and in addition, Physics 307, 312, 414, and 424; and Mathematics 307. The two related courses must be Chemistry 101-102, 111-112.

001-002. Physics Problems I-II 0
A supplement to the required work of Physics 108, 209, providing additional practice in setting up and solving problems within the scope of these courses. Yearly.

101. Conceptual Physics 4
A non-mathematical physics course for non-science majors which emphasizes the ideas of physics by examining the phenomena of our everyday environment. The laboratory will consist of demonstrations of the phenomena discussed in the lecture. Alternate years. (3-3)

108. Introductory Physics I 3
Prerequisite: Math 108. The principles and classic experiments of mechanics and thermophysics. Kinematics and elementary dynamics of point masses and rigid bodies. Kinetic theory; first and second laws of thermodynamics; heat conduction. Offered in Spring. Yearly.

113. General Astronomy 3
A non-mathematical introduction to the concepts of modern astronomy. A study of the earth as a body in space and its relation to the remainder of the solar

system and galaxy. Constellations, planets, stars, galaxies, star clusters, black holes, quasars and other astronomical objects. Planetarium and observatory facilities available in the Shreveport area are used. Alternate years.

115. General Astronomy Laboratory **1**

Prerequisite: Physics 113 previously or concurrently. Development of skills in evaluating astronomical data. When weather permits laboratories will be held out-of-doors to observe constellations, planets, meteors, etc.

118. Classical Physics Laboratory I **1**

Prerequisite: 108 or concurrent enrollment therein. Introduction to laboratory techniques including experimental procedures, experiment evaluation, methods of data reduction and reporting of results; experiments taken from the area of mechanics.

204. Introductory Modern Physics **4**

Prerequisites: 209 and 219. Quantum phenomena, relativity, and introduction to statistical mechanics. The quantum hypothesis; the Bohr-Rutherford atom and the origin of spectral lines; de Broglie waves and the Schrodinger equation. The relativity principle and the constancy of the speed of light. Boltzmann statistics, quantum statistics and simple applications. Introductions to the physics of nuclei. Laboratory work illustrates these principles, but is sufficiently independent that it may be taken alone for one hour credit, with the consent of the instructor and appropriate choice of experiments. Yearly.

209. Introductory Physics II **3**

Prerequisites: 108 and Math 201 previously or concurrently. Theory and classic experiments of electricity, magnetism and optics. Geometrical and physical optics, fields of potentials, dielectric materials, DC and AC circuits. Offered in fall yearly.

211. Mathematical Physics **4**

Prerequisites: 209, 219 and Mathematics 202. An introduction to the basic mathematical methods and techniques used in the solution of physical problems, with emphasis upon applications rather than theory. Topics discussed include coordinate systems, vector analysis, complex variables, differential equations, and evaluation and applications of the definite intergral. Practical aids to solution, including mathematical tables, calculators, and the digital computer. Sufficient computer programming is taught to permit effective use of the computer in solving appropriate simple problems. Laboratory exercises are devoted to the discussion of particular problems and techniques in detail. Yearly.

219. Classical Physics Laboratory II **1**

Prerequisites: 118 and either 209 or concurrent enrollment therein. A continuation of Physics 118 with experiments taken from the area of optics, thermophysics, electricity and magnetism.

301-302. Physics Laboratory **1-1**

Prerequisites: 204 and 211. Advanced experimental techniques in physics. Design and construction of apparatus, including use of the machine shop. Electronic techniques and precision instrumentation. Experiments are selected in consultation with the instructor, and may include topics in mechanics, thermophysics, electricity, magnetism, optics, or modern physics. Three hours of laboratory weekly. Yearly.

304. Wave Phenomena **3**

Prerequisite: 211. A study of wave phenomena emphasizing the generality of the wave equation and the wide applicability of its solutions. Examples from electromagnetic wave propagation, physical optics, acoustics, and quantum mechanics. Alternate years.

307. Electronics for Scientists **5**

Prerequisites: 211 and consent of instructor. Principles and applications of solid

state electronics, with emphasis upon laboratory instrumentation, limitations of electronic devices and the practical aspects of instrumentation systems. Electrical measurements, power supplies, amplifiers, oscillators, operational amplifiers, servomechanisms, logical and digital circuits. Three hours of recitation and six hours of laboratory per week. Alternate years.

311. Intermediate Mechanics 3

Prerequisite: 211. A vector traeatment of mechanics. Forces and moments, statics, particle kinematics and dynamics. Work, kinetic and potential energy, impulse and momentum. Orbits of a particle in a central force field. Yearly.

312. Dynamics 3

Prerequisites: 311 and Mathematics 307 previously or concurrently. Rigid body motion in three dimensions, generalized coordinates, Lagrange and Hamiltonian formulations. Vibrating systems and normal modes; mechanics of continuous media. Yearly.

321. Thermodynamics 3

Prerequisites: Physics 211 and Mathematics 303 previously or concurrently. A study of the fundamentals of classical thermodynamics. Properties of a pure substance, work and heat, first and second laws of thermodynamics, entropy, enthalpy, thermodynamic relations, mixtures and solutions.

398. Colloquium, Oak Ridge Semester 1

Prerequisites: Junior standing and admission by SCUU Selection Committee. A program of speakers on a variety of scientific and social issues presented by staff of Oak Ridge National Laboratory under supervision of resident SCUU Faculty. (Same as Biology 398/Chemistry 398/Math 398.)

399. Research, Oak Ridge Semester 1-6

Prerequisites: Junior standing and admission to the program by the SCUU Selection Committee. Research performed through participation in the SCUU-Oak Ridge Semester Program under supervision of senior staff at Oak Ridge National Laboratory. (Same as Biology 399/Chemistry 399/Math 399.)

413. Electricity and Magnetism I 3

Prerequisite: 211. A field treatment of electricity and magnetism; electrostatic fields and potentials, dielectrics, magnetic fields, electromagnetic induction, magnetic materials, energy in static electric and magnetic fields. Spring, yearly.

414. Electricity and Magnetism II 3

Prerequisites: 413 and Mathematics 307 previously or concurrently. An advanced treatment of electric and magnetic fields based on Maxwell's equations; introduction to theories of dielectric and magnetic materials; static boundary value problems. Electromagnetic waves, wave guides and other boundary value problems. Fall, yearly.

424. Modern Physics 3

Prerequisites: 204, 304, 312, 414. An advanced treatment of selected principles of modern physics illustrating their importance in understanding the observed behavior of matter. Topics vary from year to year, and may include relativity, quantum mechanics, the solid state, and atomic and nuclear physics. Yearly.

441, 442. Independent Study 1-6

Prerequisite: Consent of instructor. Guided independent study of a topic agreed upon by the student and any member of the Department. Either a theoretical or an experimental subject may be selected. Written reports or oral presentations may be required when appropriate. Credit may vary from one to six hours per semester. May be repeated for credit.

I-99. Interim Studies 1-3

Special topics offered in the January Interim.

Engineering

The Department of Physics offers the basic courses necessary for the student to proceed successfully in the Combined Plan ("3-2") professional programs described elsewhere in this Catalogue. These courses provide the fundamentals in scientific fields and professional engineering skills essential to the application of engineering principles in modern technology. Those interested in the Combined Plan B.A.-B.S. programs should consult Dr. White.

101. Engineering Drawing **2**
Instruction in the proper care and use of drafting instruments, lettering, freehand sketching, orthographic projection, geometrics, dimensioning, section views, auxiliaries, working drawings, isometrics, tracing, and graphic solutions. Offered on demand.

103. Engineering Orientation and Graphics **3**
Elementary design graphics as applied to the various fields of engineering. Application of the slide rule and electronic calculator to simple engineering problems. Study of the various fields of engineering professional responsibilities, and characteristic problems of the profession. Yearly.

104. Blueprint Reading for the Building Trades **0**
Instruction in blueprint interpretation for trades and construction personnel. Small homes, construction projects, detail construction, material lists, and industrial construction blueprints.

119-120. Architectural Graphics **2-2**
An elementary course in architectural graphics and design composition. Instruction in the fundamentals of perspective, graphics, visualization, lines, planes, color, mood, texture, static and dynamic symmetry details and design of small objects. Designed for the prospective architect. Offered on demand.

142. Map Drafting **2**
Prerequisite: 101. Instruction in map construction projections, reproduction, aerial photography, composition, contours, ownership maps, plotting and sketching, types of maps and uses. Offered on demand.

201-202. Advanced Engineering Drawing **2-2**
Prerequisite: 103 or 251. Instruction in machine drafting and graphics, shop drawings, industrial projection drawings and dimensioning, costs, shades, shadows, detail and assembly drawings of complicated machine and scientific devices. Offered on demand.

251. Descriptive Geometry **3**
Prerequisite: 103. A study of lines, points, planes, three-dimensional problems, visualization, developments, intersections, shades, shadows, and graphic solution. Spring, yearly.

259. Plane Surveying and Mapping **3**
Prerequisite: Mathematics 107 or 108, previously or concurrently. Use and care of field equipment used in surveying. Mapping in the field, area computations, errors of measurement and their correction. Plane table mapping. Yearly.

Engineering 310. Corrosion Engineering **3**
Prerequisites: Chemistry 101-102, or consent of the instructor. A course to introduce the student to the causes and means to prevent the destruction or deterioration of a material because of reaction with its environment. The topics to be covered are: (1) Corrosion principles as related to the electrochemical, environmental and metallurgical aspects; (2) The principal forms of corrosion; (3) Corrosion testing; (4) Corrosion prevention.

320. Materials of Industry 3
A study of industrial materials, their composition, application, processing, and uses. Yearly.

321. Mechanics of Solids 3
Prerequisite: Physics 311. A study of the internal behavior of solids when subjected to externally applied forces and torques. Topics include: stress, strain and Hooke's Law, analysis of statically determinate and statically indeterminate beams and structures, torsion, beam deflections, combined stress and column analysis. Yearly.

I-99. Interim Studies 1-3
Special topics offered in the January Interim.

PSYCHOLOGY

Professor Gwin, *Chairman*
Associate Professor: Bettinger
Assistant Professor: Dulle

Within the framework of natural science, psychologists attempt to understand human behavior by discovering functional relationships between behavior and conditions in the environment and in the organism.

Major Requirements

For the Bachelor of Arts in Psychology, 30 hours in Psychology, as approved by the adviser, is required.

A student may be admitted to the Department's Honors Program if he has attained junior standing and meets the other requirements. For details consult the Department Chairman.

101. General Psychology 3
Introduces the study of behavior in the areas of heredity, learning, motivation, personality, and behavior modification. Each semester.

203. Statistics for Behavioral Science 3
Prerequisite: Mathematics 105 or higher. The logic and application of standard statistical tests in the analysis of data. Topics include: descriptive statistics, statistical inference, correlation, T-test, and simple analysis of variance. Yearly. (Same as Sociology 203 and Government 203.)

211. Human Growth and Development 3
A study of the aspects of human behavior that change from conception through adulthood and the processes that account for the changes. A review of the major theories set forth to explain different aspects of human development is included.

221. The Exceptional Child 3
Emphasis on the processes which contribute to personality. Study of gifted, retarded, emotionally disturbed children, learning disabilities, hard-of-hearing, visually handicapped, culturally deprived, and other disabilities that require special services. Yearly.

305. Social Psychology 3
Prerequisite: Psychology 101 or Sociology 101. A theoretical and non-mathematical experimental approach to interpersonal interaction. Symbolic interaction,

interest and exchange theory, group dynamics and process, ethnomethodology and phenomenology. Yearly. (Same as Sociology 305.)

311. Physiological Psychology 3

A study of the physiological correlates of behavior. Emphasis on basic neuroanatomy, motor systems, sensory systems, sleep, attention, motivation, emotion and physiological contributions to learning theory. Biology 111-112 strongly recommended. Yearly. (Same as Biology 311.)

312. Introduction to Psychological Tests 3

Prerequisite: Psychology 203. A study of the theories underlying psychological tests and scales, and of the interpretation and use of the data which they yield. Yearly.

324. Experimental Psychology 3

Prerequisite: Psychology 203 (may be taken concurrently). The student designs, conducts, and analyzes psychological experiments. The emphasis is on methodology employed in studying preception, motivation, and learning. Each semester.

325. Learning—Principles and Applications 3

Prerequisite: Psychology 101. An examination of current learning theories, experimental findings, and their applications. Techniques of behavioral modification are demonstrated. Yearly.

395. Selected Topics in Psychology 3

Study of an area of psychology not covered in current offerings. Admission is by consent of instructor. No more than six hours may be earned in this course. Offered as needed, no more than one course a year.

411. History and Systems of Psychology 3

Prerequisite: Psychology 101 or permission of the instructor. A study of some of the important approaches to the study of psychology, both historical and contemporary. Yearly.

421. Abnormal Psychology 3

Prerequisite: Psychology 101 or permission of the instructor. A study of the major syndromes of behavioral disorders. Yearly.

422. Theories of Personality 3

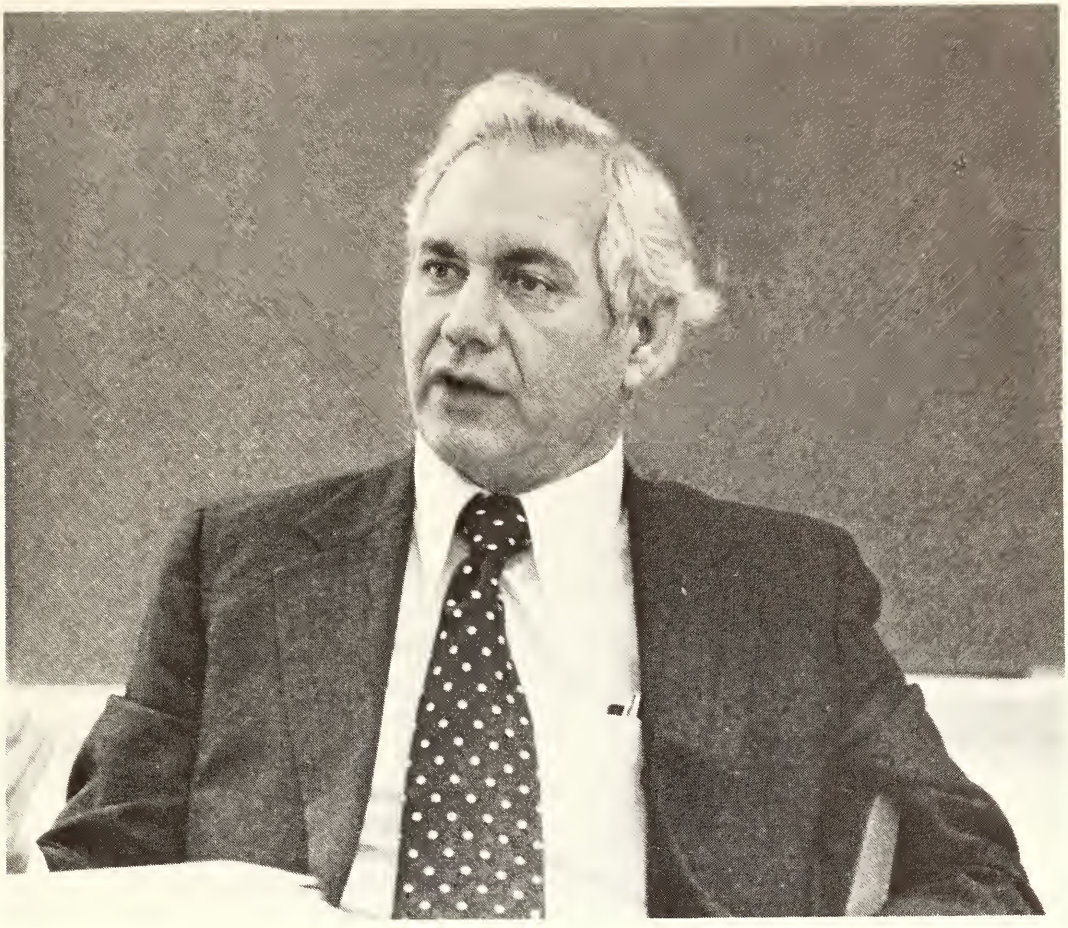
Prerequisite: Psychology 101 or permission of the instructor. A study of selected research and theories in the field of personality. Yearly.

430. Independent Study 1-6

Students taking Psychology Honors may earn credit with honors in this course through research, projects or concentrated study of selected topics. Other students may pursue independent study and/or research for directed study in areas not satisfied in the regularly listed courses. The course may be repeated for credit with different topics. Approval of the Department required.

I-99. Interim Studies 3

Special topics offered in the January Interim.



RELIGION

Associate Professor Taylor, *Chairman*
Professor: Pomeroy, *James Professor of Religion*
Associate Professor: Kovacs
Assistant Professor: Emler
Lecturers: Dykes, Finnell, Stone, Scott, Graef

The Department of Religion attempts to lead students in serious philosophical and theological consideration of the question of man's origin, destiny, meaning and purpose. The basic assumption of the courses is that these questions are best dealt with in the Jewish-Christian history and writings.

Major Requirements – Religion

1. Thirty semester hours in Religion courses including 201, 202, 307, 311, 402.
2. Supportive courses as follows:
   Three hours in Sociology
   Psychology 101
   Art 101
   Philosophy 303
   Two semesters in a foreign language (Foreign literature

courses taught in English do not fulfill this requirement.)
Four courses in English (including 101 unless exempted by examination)

3. No more than six semester hours of Christian Education courses may be counted toward the fulfillment of the thirty hour requirement in Religion.

Major Requirements – Christian Education

1. Fifteen semester hours in Religion courses, specifically 201, 202, 307, 311, 402.
2. Fourteen semester hours in Christian Education courses, specifically 212, 309, 313, 315, 413, 414.
3. Additional hours necessary to total 38 from other Religion and Christian Education courses.
4. Supportive courses as follows:
   Psychology 211 and three additional hours in Psychology
   Sociology 202
   English 102, 201
   Three hours in Education at the 200 level
   Philosophy 303

Specific guidance in areas of concentration (Children's, Youth, and Adult Ministries) will be given by the student's adviser.

Transfer Work:

Students proposing to transfer lower level Religion courses to Centenary should consult with the Department Chairman in order to determine if these courses have prepared them to enter upper level course work in the Department.

Pre-Theological Curriculum

Entrance requirements of seminaries and graduate schools of theology must be met with courses in addition to the requirements of the major and distributive requirements. Therefore, students who plan such graduate or professional study should consult with a member of the Department of Religion before enrolling for work beyond the first semester of the freshman year.

Courses in Religion

101. Understanding Religion 3
An introductory survey that helps students become aware of the varied expressions of religion in our world, of how religion functions in persons and cultures, of some of the major concepts and symbols of various historic religions, and of the interrelationships between religion and other areas of man's life. May not be used to satisfy major requirements. Offered each year.

201. Old Testament Survey 3
Each semester.

202. New Testament Survey 3
Each semester.

203. History and Doctrines of Methodism 3
Study of the movement which affected the social and religious life of 18th century England and which influenced the cultural, religious, and political development of America. Primary sources are the works of John Wesley, and secondary sources are recent interpretative biographies and histories of Methodism.

301, 302. History of the Christian Church 3-3
First half: survey of development of the Christian Church in thought and individual life from the first century to the Reformation. Careful study is made of the lives and writings of the leading figures of this period. Second half: study of the major branches of the Christian Church and trends of development since the Reformation. Alternate years. (Same as History 301, 302.)

303. Philosophy of Religion 3
A study of the problems of religious language and truth, the existence of God, and related religious concepts. Yearly. (Same as Philosophy 303.)

306. Prophets of Israel 3
Study of the prophetic movement and its historical background in Israel from the time of Moses until its close with the book of Jonah. Alternate years.

307. Philosophy of Eastern Religions 3
An historical study of the fundamental philosophical concepts and ethical systems of near and far eastern religions. Alternate years. (Same as Philosophy 307.)

308. Sociology of Religion 3
An investigation of the contribution of religious symbolism to social organization, socialization, stratification and change. The course examines the application of social theory, especially organization studies, to understanding religion as a social institution, particularly in the U.S. Alternate years. (Same as Sociology 308.)

311, 312. Theology of New Testament Writers 3-3
Directs students in research and study to discover the theology of the earliest Christian writers as reflected in the literature of the New Testament. Form criticism and redaction criticism are used. Included in the first semester are Acts and Synoptic Gospels. The second semester concentrates on the writings of Paul and John.

317, 318. Renaissance and Reformation 3-3
Alternate years. (Same as History 317, 318.)

395. Selected Topics In Religion 3
A detailed study of an area in religion not normally covered in regular Religion courses. To be taught on demand. Admission is by consent of instructor. Individual topics may not be repeated for credit.

402. Directed Study in Christian Thought 3
Prerequisites: Religion 201 and 202, and consent of instructor. Study of classical religious writings from various periods of the Church's history. Selections from Augustine, Aquinas, Luther, Calvin, Wesley, Schleiermacher, Kierkegaard, Barth, Tillich and others will be chosen.

405. Independent Study in Religion 1-6
Open to junior and senior students with the consent of the instructor and the Chairman of the Department. Minimum of one hour conference per week. Library and research work comprise the major portion of the study. A written thesis is required. Offered each semester or upon request.

412. Senior Seminar in Religion 3
Prerequisites: Religion 201 and 202, and consent of instructor. An examination of major areas of scholarship in the field of religious studies.

I-99. Interim Studies 3
Special topics offered in the January Interim.

Courses in Christian Education

001, 002. Christian Education Seminar **0**

209. The Contemporary Church **3**

A study of the meaning, problems, and expressions of the Church in contemporary culture. Offered alternate years.

212. Introduction to Christian Education **3**

The historical and theological foundations of Christian Education.

309-310. Youth Ministry Tutorial **3-3**

Understanding youth and their culture in relation to the religious life. Developing youth ministries in the local church. Observation and participation in youth groups. Prerequisite: Psychology 211.

313-314. Children's Ministry Tutorial **3-3**

Understanding the cognitive and affective issues involved in relating the religious life to children. Developing children's ministries in the local church. Consideration of various church education structures as Vacation Church School and camping. Observations and participation in children's groups. Prerequisites: Psychology 211 and consent of instructor.

315-316. Adult Ministry Tutorial **3-3**

Understanding the religious needs of adults in various age groups such as young, middle-aged, and older adults. Developing models for adult ministries in the local church. Observation and participation in adult groups. Prerequisites: Psychology 211 and consent of instructor.

410. Christian Education in the Local Church **3**

Prerequisite: Either 309 or 313 or 315 or the consent of the instructor. Organization and programs of Christian Education in the local church. Study and use of curricular materials. Theories of leadership discovery and development and family life programs.

411. Seminar in Christian Education **3**

Prerequisite: 212. Several topics not ordinarily covered in other courses. Especially related to resources for Christian Education such as contemporary film, drama, literature, etc. (Open to Juniors with departmental approval.)

413, 414. Internship in Christian Education **1-1**

Prerequisite: Either 309 or 313 or 315 or the consent of the instructor. Supervised internship in the local church.

Sacred Music

Students who intend to pursue professional education for a position in a local church situation as choir master or choral director of Church Music should pursue the Bachelor of Music (B.M.) degree with a major in Sacred Music. Specifics regarding this major are included in another section of this Catalogue under School of Music.

SOCIOLOGY

Associate Professor Vetter, *Chairman*
Professor: Allen, *Trustee Chair in Sociology*
Associate Professor: Kovacs
Professor Emeritus: Pledger

Sociology devotes scientific study to the patterns of human interpersonal interaction. Student acquire facility in observation, research, theory and application. Course work focuses on the major bodies of explanatory theory which have been developed to interpret large segments of human social behavior. Contemporary social movements and issues also receive attention. Majoring in Sociology prepares the student for a) competent study and research in a graduate Sociology program, b) admission to graduate study in professional degree and certification programs in such fields as social work, counseling, clinical sociology, clinically-oriented styles of ministry, occupational therapy, probation-parole and related helping professions, c) bachelor level practice in a variety of socially-oriented helping professions,

including social work, counseling, religious work, certain adjunct therapies and juvenile and adult corrections, and d) skillful and knowledgeable performance in private business enterprise and public service.

Students with at least a 3.0 cumulative and Sociology (10 or more hours in Sociology) GPA are eligible for membership in Eta Chapter, Alpha Kappa Delta National Sociological Honor Society.

Recognizing the diversity of students' interests, professional goals, personal objectives and educational purposes, the Department advises majors to prepare a plan of study that provides extensive grounding in the various liberal arts as well as developing social scientific competence. All majors must complete Sociology 101, 211 and 305, and twelve semester hours from courses numbered 300 and above. A total of not less than 30 semester hours is required in a major. Students planning graduate study in Sociology should also complete Sociology 314, 403 and approved courses in statistics and computer science. Candidates majoring in Sociology who have no desire to pursue a helping profession or seek a graduate degree in Sociology or related fields of study should complete Sociology 112, 212 and 310. Students planning graduate work or certain helping professions are strongly urged to complete a modern foreign language at the intermediate level. Students registering for advanced courses in the Department should present proof of adequate background in social science theory and practice appropriate to the level of the course. Students are not permitted to register for Sociology 410 before consulting the Department.

101. Introductory Sociology 3
A general survey of sociological analysis and research stressing explanation in social science, the individual in social interaction, the nature of groups, and patterns of organization as exemplified by the analysis of a particular American social institution. Each semester.

112. Social Problems 3
Application of sociological analysis and research to contemporary social problems. This course emphasizes the structural character of socially-defined problems seeking to define and interpret causes and consequences. Yearly.

202. Marriage and Family 3
A sociological analysis of marriage and family behavior within contemporary American society. A study of the interactional aspects of marriage and family with major emphasis upon the American middle-class. Yearly.

203. Statistics for Behavioral Science 3
Prerequisite: Mathematics 105 or higher. The logic and application of standard statistical tests in the analysis of data. Yearly. (Same as Psychology 203 and Government 203.)

211. The Sociology of Organizations 3
The study of structure and process in large-scale organizations. Examines bureaucracy and related types of organization as well as interrelationships of formal and informal organization. Each semester.

212. Social Deviance 3
A structural approach to systematic non-conforming group behavior covering

social change, subculture-culture conflict, labeling theory, anomie-alienation, social control. Yearly.

231. Introduction to Social Work 3
A survey of casework, group work, community organization, social analysis, intervention and priority care. Detailed attention will be given to ethics and decision-making in engineered micro- and macro-social change.

305. Social Psychology (Same as Psychology 305) 3
Prerequisite: Permission of the instructor. A theoretical and non-mathematical experimental approach to interpersonal interaction. Symbolic interaction, interest and exchange theory, group dynamics and process, ethnomethodology and phenomenology. Yearly.

307. Development of Social Thought 3
Prerequisite: Permission of the instructor. An historical perspective in sociological thought. Major theorists studied include Marx, Weber, Durkheim, Michels, Veblen, Pareto, Parks, Schutz, Habermas, Znaniecki, Wirth. Contributions to the development of modern European sociological thought will be examined. Alternate years.

308. The Sociology of Religion (Same as Religion 308) 3
An investigation of the contribution of religious symbolism to social organization, socialization, stratification and change. The course examines the application of social theory, especially organization studies, to understanding religion as a social institution, particularly in the U.S. Alternate years.

309. Social Stratification 3
An analysis of the structuring of societies along social class and caste lines with particular application to the American situation. Includes theories and character of social class systems, research in stratification, differential class behavior, social mobility, power relationships and castes and estate systems. Alternate years.

310. Criminal and Delinquent Behavior 3
A study of crime and juvenile delinquency. Extent, causative factors, methods of treatment and programs of prevention and control are covered. Alternate years.

311. Conflict 3
An examination of causes, strategies and forms of resolution of culture-subculture conflict. An emphasis is placed on minority-majority conflict, intra- and inter-class conflict, and conflict theory. Alternate years.

312. Demography 3
The statistical study of populations and ecosystems, their size, distribution and composition. It is concerned with such matters as the changes over time in fertility, mortality and migration, and with the variables related to these changes. Alternate years.

314. Methods in Social Research 3
Prerequisite: An approved statistics course. An examination of the interrelationship of theory, methodology and sociological research techniques. Alternate years.

395. Selected Topics in Sociology 3
A detailed study of a specialized topic in Sociology not normally covered in regular Sociology and Anthropology courses. On demand.

402. Urban Sociology 3
Application of ecological and demographic methods to the study of urban and metropolitan development; sociological aspects of urban and metropolitan problems and planning. Alternate years.

403. Contemporary American Sociology 3

Prerequisite: Permission of the instructor. A survey of contemporary American schools of sociology including functionalism, structuralism, symbolic interaction, exchange, role, conflict, community study, and radical.

405. Seminar 3

Prerequisite: Permission of the instructor. An advanced study in research seminar format within a particular sociological specialty. Yearly.

410. Independent Study 1-6

Prerequisites: Permission of the Department, submission of acceptable proposal, selection of adviser. Advanced library or original research in a well-defined topic of the student's choice, forming a logical part of his academic curriculum. On demand.

I-99. Interim Studies 3

Special topics offered in the January Interim.

Although a major is not awarded in anthropology, the Sociology Department offers the following courses in anthropology. Both are elective courses and do not fulfill major requirements in Sociology.

103. Introduction to Anthropology 3

A study of ancient and modern man, race, culture, and society. Emphasis on the cultural approach. Yearly.

204. The North American Indian 3

A survey of the history and culture of the North American Indians from their origin to their place in the modern world. Yearly.

THEATRE/SPEECH

Associate Professor Buseick, *Chairman*
Assistant Professor: Pellman
Instructor: Folmer

The Theatre/Speech Department offers a curriculum to serve three types of students: those who plan to attend graduate school, those who plan to teach, and those who plan to pursue a career in the profession or to use their training for a vocational recreation.

The Theatre/Speech Department provides cultural enrichment for the College and the community through its production schedule, representing a "Theatre With A Purpose." Participation in the productions of the Department is open to any student enrolled at Centenary College.

Major Requirements

Speech: For the B.A. in Speech, the major must complete thirty-six semester hours, including 101, 200, 201, 220, 300, 302, 309, and 404 and twelve semester hours elected from the following: 102-103, 111, 112, 203, 204, 205, 206, 211, 250, 303, 305, 307, 308, 310, 312, 350, 401, 402, 403, 405, plus six semester hours in a foreign language.

Theatre: For the B.A. in Theatre the major must complete thirty-six semester hours, including 102-103, 112, 203, 204, 205, 307, 308, 401, 402, and 404 and nine semester hours elected from the following: 101, 201, 206, 250, 302, 305, 310, 312, 350, 403, and 405, plus six semester hours in a foreign language.

Theatre/Speech Certification: For the B.A. degree in Theatre/Speech with teacher certification, the student must complete the teacher certification requirements (see Department of Education in this Catalogue), plus thirty-six hours including 102-103, 111, 201, 203, 204, 205, 211 or 220, 300 or 309, 401, and 404 and nine semester hours elected from the following: 101, 112, 200, 206, 250, 302, 303, 305, 307, 308, 310, 312, 350, 402, 403, and 405, plus six semester hours in a foreign language.

001-002. Theatre Laboratory **0-0**
A practical experience related to productions, both performance and technical, for all Theatre and Theatre/Speech certification majors for each semester in which they are registered in the College as Theatre/Speech majors.

101. Fundamentals of Voice and Diction **3**
Study of vocal usage and work designed to improve personal speech. Exercises in breathing, relaxing, pronunciation and voice production. Yearly.

102-103. Voice for the Stage **2-2**
An intensive year-long study of the system of voice and speech evolved by Arthur Lessac, embracing the study of structural, tonal, and consonantal action, and the beginnings of their application to scene work. Yearly.

104. Workshop: Costume Construction **1**
Practical workshop in design and construction related to summer productions. Offered summers only.

Marjorie Lyons Playhouse production.

105. Workshop Production: Technical **1**
Practical workshop in construction, lighting, and stage props as related to summer productions. Offered summers only.

106. Workshop: Make-Up **1**
A concentrated practical study of the basic techniques and application as applied to stage make-up. Offered summers only.

107. Workshop: Acting **1**
Principles of basic acting technique culminating in participation in special summer productions. Offered summers only.

111. Orientation to the Theatre **3**
A brief but comprehensive introductory view of the theatre examining all the elements that make it a Lively Art. Yearly.

112. Analysis and Criticism **3**
An introductory study of form and technique of dramatic literature. Yearly.

121-122. Ballet (beginning) **1-1**
Introduction to the fundamentals of classical ballet and vocabulary. (Same as P.E. 121-122.)

123-124. Tap (beginning) **1-1**
Basic tap technique and vocabulary. (Same as P.E. 123-124.)

125-126. Jazz (beginning) **1-1**
Introduction to basic modern jazz technique and vocabulary with emphasis on body placement and exercises to increase the flexibility of the body. (Same as P.E. 125-126.)

200. Public Speaking **3**
The development of oral communication skills employed in extemporaneous and impromptu speaking. Yearly.

201. Introduction to Interpretation **3**
Emphasis on voice development in relation to the study of esthetic and intellectual content of all types of literature. Yearly.

203. Acting: Movement **3**
A study of the body as one of the tools in acting. Work on scenes and creative expression through physical movement. Alternate years.

204. Acting: Improvisation **2**
Prerequisite: 203. An intellectual approach to acting through the discovery of

the where, who, and what used to develop creativity and spontaneity in the actor. Alternate years.

205. Introduction to Technical Theatre 3
A course in applied arts in staging, lighting, and scenery. Yearly.

206. Scene Design 3
Prerequisite: 205. Introduction to the principles of design for the theatre. Alternate years.

211. Debate and Argumentation 3
Study of the principles and practices of debate and argumentation. Offered on demand.

220. Discussion Practices 3
Study of the principles of participation in panels, round-tables, symposiums, and forums, with emphasis also upon leadership in these forms. Alternate years.

240. Dance History 3
A survey covering all forms of dance from primitive origins to the present day and its relationship and importance to the society.

241-242. Ballet (intermediate) 2-2
Designed to increase the student's knowledge of ballet by extending his vocabulary of classical movement, with emphasis on the importance of precision and proficiency. (Permission of instructor required.)

243-244. Tap (intermediate) 2-2
Concentration on riffs, pull-backs, wings, turns, and other specific advanced movements. (Permission of instructor required.)

245-246. Jazz (intermediate) 2-2
In-depth exploration of basic jazz movements with emphasis on rhythmic patterns, dynamics, space, and levels. (Permission of instructor required.)

250. Historic Costume for the Stage 3
A survey of dress, style, and design of personal scenic elements for theatrical production. Alternate years.

300. Advanced Public Speaking 3
Prerequisite: 200. Concentrated study in more formal public address, with emphasis on rhetoric, logic, and audience psychology. Alternate years.

302. Advanced Literary Interpretation 3
Prerequisite: 201. Techniques involved in platform reading, with program presentation of prose, poetry, and drama. Alternate years.

303. Acting: Character Development 3
Through work with the dramatic text the student researches and applies philosophies of character development, using techniques of Stanislavski. Alternate years.

305. Stage Lighting and Sound 3
Survey of light and sound for the communicative media. Alternate years.

307. History of the Theatre 3
The development of the theatre from its beginning to 1800, including highlights of great dramatists and their works, and of production. Yearly.

308. History of the Theatre 3
Prerequisite: 307. The development of the theatre from 1800 to the present, including highlights of great dramatists and their works, and of production. Yearly.

309. History of Public Address 3
Survey of the development and influence of oral language from Greek to the present. Alternate years.

310. Communicative Media: Radio 3
An extensive study of the general principles involved in the philosophy and theory of radio communication, with a study of its major areas of operation. Limited enrollment; approval of the Department Chairman is required. Offered

alternate years beginning Fall 1977.

312. Communicative Media: Television 3

An extensive study of the general principles involved in the philosophy and theory of television communication, with a study of its major areas of operation. Limited enrollment; approval of the Department Chairman is required. Offered alternate years beginning Fall 1978.

320. Ethnic Dance 2

A survey with practical application and historical/geographical research of certain types of dance related to specific nationalities, i.e. Spanish, Oriental, Greek, etc.

350. Costume Design 3

Prerequisite: 250. Emphasis on design principles and construction. Alternate years.

361-362. Ballet (advanced) 2-2

Concentration on the performance aspects of ballet. Pointe work for women. Adagio and partner work for men. (Permission of instructor required.)

363-364. Tap (advanced) 2-2

Exploration of various styles of tap such as soft shoe, ballet-tap, and buck-and-wing, with concentration on performance aspects, and choreographic uses. (Permission of instructor required.)

365-366. Jazz (advanced) 2-2

Exploration of various styles of jazz dance such as lyrical, rock, and musical comedy varieties with concentration on performance aspects and choreographic uses. (Permission of instructor required.)

370. Choreography and Composition 3

Methods of choreography and dance notation. Emphasis on theoretical and creative concepts. (Permission of instructor required.)

401. Directing I 3

Open only to senior speech or theatre majors. A study of the development of the director and his responsibilities in the theatre, together with a survey of production principles. One-act plays produced by members of the class. Yearly.

402. Directing II 3

Prerequisite: 401. Script analysis and the application of researched theory into practical experience by means of directing scenes, one-acts, and cuttings. Yearly.

403. Seminars 3

Prerequisite: Consent of instructor. Advanced courses arranged for the individual major's requirement. Each semester.

404. Independent Study 1-6

Prerequisites: Junior or senior standing and consent to instructor. Designed for flexibility, this course is offered to meet the need of the individual student. Examples of projects: writing of a thesis, mounting of a production, development of a course of study, playwriting, research and conference. Each semester.

405. Acting: Styles 3

Prerequisite: 303. A survey of acting styles in Greek, Medieval, Commedia dell'Arte, Rennaissance, Neo-classical, Restoration, Romantic, Realistic, Satire and Epic Theatre and Theatre of the Absurd. Alternate years.

410. Seminar in Dance 1-6

Advanced courses arranged for the individual needs and interests of the student. (Consent of instructor required.)

420. Independent Study in Dance 1-6

Prerequisites: Junior or senior standing and consent of instructor. A specific project such as chorcographing a musical play, writing a thesis, or presenting a dance concert as a choreographer and/or as a performer.

I-99. Interim Studies 3

Special topics offered in the January Interim.

Marjorie Lyons Playhouse Productions.

VII
PROGRAMS

A program is a formalized body of academic courses and practical field opportunities intended for the student who wishes to explore preprofessional preparation or to enter a career directly upon graduation. The academic and practical experiences are designed to assist the student in developing skills, insights, practical information, and academic background that relate to definite career choices.

Students interested in a program apply to the program coordinator for a plan of study and field experiences. Students may enter a program no earlier than the sophomore year; normally, field experiences will not begin until the junior year. Programs and majors should not be confused; they are two different entities. The course work in any program does not constitute a major. For example, elementary education is a major; secondary education is a program; biology and/or chemistry are majors; premedicine is a program; Christian Education is a major; church careers is a program.

While Centenary College encourages participation in a program, it is possible for a student to have a major and not be enrolled in a program. However, it is not possible for a student to receive a degree from Centenary College solely by participating in a program; he must also have a major.

Because career and preprofessional preparation are a central part of a Centenary education, the College offers programs specially designed to provide each student training in his chosen

field so that he will have, upon graduation, a choice of options such as additional professional training in a business or industry, graduate study, or direct entry into a career or profession.

Certain programs are designed to prepare the student for graduate and professional school. The following is a list of the current preprofessional programs and program coordinators:

Program	Coordinator
Predentistry	Dr. Rosemary Seidler
Preengineering	Dr. Warren White
Preforestry	Dr. Bradley McPherson
Prelaw	Dr. Walter Lowrey
Premedical Technology	Dr. Bradley McPherson
Premedicine	Dr. Rosemary Seidler
Prepharmacy	Dr. Bradley McPherson
Prephysical Therapy	Dr. Bradley McPherson
Pretheology	The Reverend Robert E. Taylor
Preveterinary Medicine	Dr. Bradley McPherson

In support of some of these programs, Centenary, in cooperation with Columbia University, Stanford University, Louisiana Tech University, Texas A&M University, the University of Arkansas, and Tulane University, offers the "three-two" program in liberal arts and engineering science (known also in the Columbia relationship as the "Combined Plan"). Under this program, students pursue concentrated studies in the liberal arts and sciences at Centenary for three years, followed by two years professional work at the chosen institution. At the end of the five years of study, the B.A. degree from Centenary and the B.S. degree in engineering at the cooperating institution are simultaneously awarded.

An additional "three-two" program is available in cooperation with the Duke University School of Forestry. Under a coordinated and integrated program of studies in liberal arts and basic sciences at Centenary for the first three years, the next five semesters are spent in the Duke School of Forestry. Upon successful completion of the professional program of study, a student will have earned the B.S. in biology from Centenary and the Masters of Forestry from Duke.

The College also offers "three-one" programs for students interested in the study of medicine or medical technology. Under these plans, the student may complete all major and general education requirements in three years of study at Centenary and upon successful completion of one year of medical studies or medical technology, the B.S. degree is awarded by the College.

Students interested in the "three-two" engineering program should consult the Chairman of the Department of Physics. Those interested in the "three-two" preforestry program and the "three-

one" medical technology program should consult the Chairman of the Biology Department. Premedicine and predentistry students should confer with the premedical adviser. Prelaw students should confer with the Chairman of the Department of History and Government; and those considering the pretheology program in preparation for the ministry or other church vocations should see the Chairman of the Department of Religion.

Other programs are designed to prepare students for entry into a career immediately upon graduation.

The following is a list of the current professional programs offered by the College and the respective program coordinators:

Program	Coordinator
Accounting	Dr. Delbert Chumley
Business/Spanish	Dr. Arnold Penuel
Church Careers	The Reverend David Dykes
Computer Science	Dr. David Thomas
Dance	Mrs. Ginger Folmer
Early Childhood Education	Dr. Robert Hallquist
Elementary Education (Major)	Dr. Robert Hallquist
Journalism	Dr. Lee Morgan
General Business	Dr. Hugh Urbantke
Public Administration	Dr. Darrell Loyless
Secondary Education	Dr. Joseph Garner
Special Education	Dr. Robert Hallquist
Teacher-Coach	Dr. Betty Haley

Brief summaries of selected programs offered at Centenary are presented below:

Computer Science

The program's goal is to prepare students to enter the field of data processing. Since computers are used in so many different areas, the program course requirements are kept small. This allows the student a great deal of flexibility in his choice of a major. For instance, a student who wishes to go on to graduate school in computer science could do so by choosing mathematics as his major; while a student who would rather work in the business world might choose economics or business as a major.

Dance

The Dance Program at Centenary is designed to prepare students to enter the dance profession directly and to lead students who are not interested in dance as a profession to an intellectual and physical appreciation of all forms of dance. The program provides the necessary training for theatre students to augment their development of body control and provides additional areas of training for physical education majors.

Journalism

The program in Journalism includes four courses in Journalism taught in the Department of English by professional journalists from local media. Courses required of all students in the program are: English 211, Introduction to Journalism; English 312, Reporting and Feature Writing; English 313, Editorial Persuasion and Critical Writing; and English 314, Advertising and Public Relations.

Public Administration

The Centenary Program in Public Administration has three salient features. It will prepare the Centenary student for an enlightened role in community affairs and it will provide the necessary study for the student to make a creative contribution to the administration of public institutions. The program provides both a professional education for a career in public affairs and a solid foundation for the student who pursues graduate education in public administration before entering executive agencies or the academic study of the area of public administration. In this regard, the program in public administration rests on both the liberal arts tradition of developing the whole person and the companion emphasis upon preparing the individual for a professional career.

For additional information regarding any of the programs offered by the College contact the appropriate program coordinator.

VIII
REGISTERS

BOARD OF TRUSTEES 1977-78

OFFICERS

George D. Nelson, Chairman
J. Hugh Watson, Vice-Chairman
Mrs. Elise Wheless Hogan, Secretary
Mrs. Ruby M. George,
Assistant Secretary

TERM EXPIRES IN 1978

John B. Atkins, Jr. (Shreveport)
Charles Ellis Brown (Shreveport)
The Rev. Dr. Dana Dawson, Jr.
(Baton Rouge)
James C. Gardner (Shreveport)
Robert U. Haslanger
(Houston, Texas)
Emmett R. Hook (Shreveport)
H. Blume Johnson (Shreveport)
Voris King (Lake Charles)
The Rev. Dr. Carl F. Lueg (Shreveport)
Loy Beene Moore (Shreveport)
George D. Nelson (Shreveport)
Richard L. Ray (Tyler, Texas)
Austin G. Robertson (Shreveport)
Mrs. W. Peyton Shehee, Jr. (Shreveport)
N. H. Wheless, Jr. (Shreveport)
The Rev. Harvey G. Williamson
(Alexandria)

TERM EXPIRES IN 1979

Floyd C. Boswell (Lake Bluff, Illinois)
Mrs. Beynon S. Cheesman (Shreveport)
The Rev. Dr. Jack Cooke (Shreveport)
The Rev. Dr. D. L. Dykes, Jr.
(Shreveport)
Mrs. Thomas E. Hogan (Shreveport)
G. W. James (Ruston)
T. B. Lanford (Shreveport)
The Rev. Merlin Merrill (Ruston)
Harry R. Nelson (Shreveport)
Mrs. Justin R. Querbes, III (Shreveport)
D. A. Raymond, Jr. (Shreveport)
George R. Schurman (Shreveport)
Albert Sklar (Shreveport)
Fletcher Thorne-Thomsen (Shreveport)
Dr. W. Juan Watkins (Shreveport)
J. Hugh Watson (Shreveport)

EX OFFICIO MEMBERS

Bishop J. Kenneth Shamblin
(New Orleans)
Dr. Donald A. Webb
(Shreveport)

TERM EXPIRES IN 1980

Mrs. G. M. Anderson (Shreveport)
William G. Anderson (Shreveport)
Harvey Broyles (Shreveport)
Mrs. E. J. Crawford, Jr. (Shreveport)
The Rev. Dr. Benedict A. Galloway
(Shreveport)
Sam B. Grayson (Shreveport)
Gen. (ret.) John S. Hardy (Shreveport)
William H. Jackson (Shreveport)
Dr. Charles D. Knight (Shreveport)
J. C. Love, Jr. (Ruston)
The Rev. Dr. Douglas L. McGuire
(Baton Rouge)
James N. Patterson (Shreveport)
Cecil E. Ramey, Jr. (Shreveport)
The Hon. Joe D. Waggonner, Jr., M.C.
(Washington, D. C.)

LIFE MEMBERS

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William Russell Barrow (Shreveport)
The Rev. Dr. J. Henry Bowdon, Sr.
(Lake Charles)
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Col. S. Perry Brown (Wimberley, Texas)
Mrs. Ruth Jones Cadwallader
(La Jolla, Calif.)
Howard R. Crumley (Shreveport)
Marlin W. Drake (Shreveport)
The Rev. Dr. James T. Harris
(Covington)
O. D. Harrison (Shreveport)
Mrs. E. E. Hurley (Shreveport)
The Rev. Dr. H. L. Johns (Monroe)
The Hon. Sam H. Jones (Lake Charles)
Mrs. Glenn E. Laskey (Ruston)
The Rev. Dr. Bentley Sloane (Shreveport)
The Rev. Dr. B. C. Taylor (Dallas, Texas)
J. Robert Welsh (Shreveport)

HONORARY LIFE MEMBER

D. P. Hamilton (Shreveport)

ADMINISTRATION 1977-78

Donald A. Webb, Ph.D. ..... *President of the College*

Theodore R. Kauss, Ph.D. ..... *Executive Vice President and Dean of the College*

Hugh E. Urbantke, Ph.D. ..... *Vice President for Administration and Director MBA Program*

David P. Harner, Ph.D. ..... *Vice President and Dean of Student Services*

James C. Lewis ..... *Vice President for Development*

Charles B. Lowrey, Ph.D. ..... *Assistant Dean of the College*

Harlan C. Snow, D.Mus. ..... *Dean of the Hurley School of Music*

Robert N. Hallquist, Ed.D. ..... *Director of M.Ed. Programs*

T. R. (Bob) Monk, Jr. ..... *Director of Development*

Lewis L. Pace ..... *Director of Admissions*

Rosemary R. Spalding ..... *Registrar*

Richard A. Anders ..... *Director of College Placement and CSCC Work-Study*

Bill Causey, Jr. ..... *Director of Alumni Affairs*

Willard Cooper ..... *Curator of the Meadows Museum of Art*

David R. Dykes ..... *Director of Church Careers Program (CSCC)*

Mrs. Betty B. Haley, Ed.D. ..... *Director of Women's Athletics*

Mary Beth Karr ..... *Assistant Director of Admissions*

Kent Kilbourne ..... *Director of Church Relations*

Carolyn Nelson ..... *Program Director, Meadows Museum of Art*

Mrs. Nancy D. Rodwell ..... *Director of Financial Aid*

Deborah Smith ..... *Business Office Manager*

Mrs. Nancy C. Spruell ..... *Associate Director of Admissions*

The Rev. Robert Ed Taylor ..... *Chaplain of the College*

David E. Thomas, Ph.D. ..... *Director of the Computing Center*

Riley Wallace ..... *Director of Men's Athletics*

Maurie Wayne ..... *Director of College Relations*

Mrs. Linda Williams ..... *Coordinator of Teacher Placement*

FACULTY 1977-78

*The date in parentheses indicates the first appointment to the Faculty.

John Horton Allen ..... *Trustee Professor of Sociology*
B.A., Southeastern Louisiana University, 1949; M.A., Louisiana State University, 1951; Ph.D., Pennsylvania State University, 1955. (1969)

Betty R. Anderson ..... *Assistant Professor and Library Cataloguer*
B.S., Louisiana State University, 1969; M.S., Louisiana State University, 1970; M.Ed., Louisiana State University, 1973. (1974)

Will K. Andress ..... *Director of Centenary College Choir and Lecturer in Music*
B.M., Centenary College, 1961; B.C.M., Southern Baptist Seminary, 1963; M.M., East Carolina University, 1969; D.M., Florida State University, 1971. (1974)

Mary Beth Armes ..... *Associate Professor of Music*
B.M., Eastman School of Music, 1963; M.M., Arizona State College, 1966 (Leave of Absence, 1972-73); D.M.A., North Texas State University, 1974. (1970)

Carole Barnes ..... *Lecturer in Business*
B.S., Centenary College, 1971. (1972)

Charles T. Beaird ..... *Adjunct Professor of Philosophy*
B.A., Centenary College, 1966; Ph.D., Columbia University, 1972. (1969)

Lewis A. Bettinger ..... *Associate Professor of Psychology*
B.S., 1962, M.A., 1963, Ph.D., 1966, Ohio State University. (1972)

Robert L. Buckner ..... *Lecturer in Music*
B.M., Loyola University, New Orleans, 1952; M.M., Oberlin Conservatory, 1956.

Robert R. Buseick ..... *Associate Professor of Theatre and Speech and Chairman of the Department*
B.S., Eastern Oregon College, 1955; M.F.A., University of Portland, 1964. (1969)

Virginia Carlton ..... *Professor of Mathematics and Chairman of the Department*
B.S., Centenary College, 1939; M.S., Tulane University, 1940; Ph.D., Northwestern University, 1959, (1946-48; 1957)

Walter Caughey ..... *Lecturer in Music*
B.A., Centenary College, 1953; M.M.E., University of Arkansas, 1959.

B. P. Causey ..... *Professor of Music*
B.A., Northwestern State College, 1939; M.M., Northwestern University, 1954. (1941)

Delbert William Chumley, Jr. ..... *Associate Professor of Business and Accounting Program Coordinator*
B.S., Louisiana Tech University, 1955; M.B.A., Southern Methodist University, 1969; Ph.D., University of Arkansas, 1975. (1976)

Phyllis Cooper ..... *Lecturer in Music*
B.S., Crane School of Music of State University of New York at Potsdam, 1946. (1972)

Willard Cooper ..... *Professor of Art and Chairman of the Department*
B.A., Centenary College, 1947; M.F.A., Escuela Universitaria des Belles Artes, Mexico, 1949. (1958)

L. Hughes Cox ..... *Professor of Philosophy and Chairman of the Department*
A.B., Wabash College, 1953; S.T.B., Boston University, 1956; M.A., 1959; Ph.D., 1963, Yale University. (1967)

Edward J. Crawford, III ..... *Lecturer in English*
B.A., The University of the South, 1972; M.A., University of Texas, 1976. (1977)

Donald M. Danvers ..... *Assistant Professor of Mathematics*
B.A., 1956, M.A., 1958, Northwestern University. (1960)

Jerry Wayne Dauterive ..... *Assistant Professor of Business*
B.B.A., Texas Tech University, 1970; Ph.D., Texas Tech University. 1976. (1976)

Ronald E. Dean ..... *Associate Professor of Music*
B.A., Williams College, 1954; M.M., University of Michigan, 1957. (1960)

Diane Dickson ..... *Instructor in Music*
B.M., Southern Methodist University, 1969; M.M., Yale University. (1974)

Marshall Douglas ..... *Lecturer in English*
B.A., Northeast Louisiana University, 1965. (1977)

Mark E. Dulle ..... *Assistant Professor of Psychology*
B.S., 1967, M.S., 1969, Memphis State University (1969-1974 1977)

David R. Dykes ..... *Lecturer in Religion*
B.A., Centenary College, 1966; B.D., Emory University, 1974. (1974)

Ella C. Edwards ..... *Assistant Professor and Assistant Librarian*
B.A., Northwestern State College, 1968; M.S., Louisiana State University, 1973. (1973)

Donald G. Emler ..... *Assistant Professor of Religion*
B.A., University of Missouri at Kansas City; M.Div., Garrett Theological Seminary, 1963; Ed.D., Indiana University, 1973. (1976)

Glenn Scott Evans ..... *Instructor in Physical Education*
B.S., Centenary College, 1969; M.Ed., University of Georgia, 1970. (1974)

Malcolm Eugene Finnell ..... *Assistant Chaplain and Lecturer in Religion*
B.A., Louisiana Tech University, 1970; Master of Divinity, Iliff School of Theology, 1973. (1975)

Ginger D. Folmer ..... *Instructor in Dance*
B.A., Centenary College, 1964; M.A., Syracuse University, 1967. (1975)

James Franklin ..... *Lecturer in Music*
B.M.E., 1962, M.Ed., 1968, Southeastern Louisiana University. (1972)

Fergal P. Gallagher ..... *Associate Professor of English*
B.A., 1963, M.A., 1964, Ph.D., 1968, University of Wisconsin. (1968)

Louie A. Galloway III ..... *Cornelius D. and Florence Gillard Keen Professor of Physics and Chairman of the Department*
A.B., Hendrix College, 1958; M.S., 1961; Ph.D., 1966, Case Institute of Technology. (1966)

Joseph D. Garner ..... *Professor of Education*
B.S., 1949, M.S., 1950, Louisiana State University; Ed.S., Peabody College, 1961; Ed.D., University of Arkansas, 1967. (1967)

Vickie Neely Gottlob ..... *Assistant Professor of French*
B.A., Florida State University, 1969; M.A., Florida State University, 1970; Ph.D., Florida State University, 1973. (1973)

Franz Graef ..... *Lecturer in Classical Languages*
S.T.Lic., Collegium Canisianum, (Innsbruck), 1958; M.A., (Classics), University of Michigan, 1964; S.T.D., University of Innsbruck, Austria, 1971. (1975)

Dorothy Bird Gwin ..... *Professor of Education and Psychology and Acting Chairman of the Psychology Department*
B.B.A., 1954, M.S., 1955, East Texas State University; Ed.D., University of Kansas, 1958. (1967)

Edward F. Haas, Jr. ..... *Associate Professor of History*
B.A., Tulane University, 1967; Ph.D., University of Maryland, 1972. (1972)

Betty Brown Haley ..... *Assistant Professor of Physical Education, Chairman of Physical Education Department and Director of Women's Athletics*
B.S., Northwestern State University, 1963; M.S., Northwestern State University, 1967; Ed.D., Louisiana State University, 1969. (1974)

Michael Lee Hall ..... *Assistant Professor of English*
B.A., 1968, M.A., 1972, University of Texas at Austin; M.A., 1974, Ph.D., 1976, The Johns Hopkins University. (1976)

Robert N. Hallquist ..... *Professor of Education and Chairman of the Department*
B.M., New England Conservatory of Music, 1950; M.A., Columbia University, 1959; Ed.D., University of Mississippi, 1968. (1967)

Alton O. Hancock ..... *Professor of History*
B.A., Centenary College, 1954; B.D., 1957, Ph.D., 1962 Emory University. (1964)

Marvin Wayne Hanson ..... *Professor of Chemistry and Chairman of the Department*

B.S., Centenary College, 1950; M.S., 1953, Ph.D., 1964, University of Houston. (1959)

Gaius N. Hardaway ..... *Lecturer in Education*

B.S., Centenary College, 1949; M.Ed., University of Arkansas, 1954; Ed.D., University of Mississippi, 1969. (1977)

David P. Harner ..... *Associate Professor of Education, Vice President and Dean of Student Services*

B.A., Florida Southern College, 1965; M.Ed., 1972, Ph.D., 1973, University of Mississippi. (1973)

David L. Horner ..... *Lecturer in Art*

B.F.A., North Texas State University, 1972; M.F.A., North Texas State University, 1973. (1976)

Leonard Kacenjar ..... *Lecturer in Music*

B.S., Julliard School of Music, 1966; M.M., Ball State University, 1968.

Theodore Kauss ..... *Professor of Education and Management, Executive Vice President and Dean of the College*

B.S., 1955, M.S., 1958, University of Wisconsin; Ph.D., Northwestern University, 1968. (1972)

Brian W. Kovacs ..... *Associate Professor of Sociology*

A.B., Case-Western Reserve University, 1965; M.Div., Iliff School of Theology, 1968; Th.D., Iliff School of Theology, 1970. (1974)

Eddy Kozak ..... *Lecturer in Music*

B.M., Centenary College, 1959; M.M./Composition and Percussion, Northwestern State University, 1973. (1956)

Earle Labor ..... *Professor of English*

B.A., 1949, M.A., 1952, Southern Methodist University; Ph.D., University of Wisconsin, 1961. (1955-62; 1966)

Robert Langton ..... *Lecturer in Geology*

B.S., Centenary College, 1969. (1970)

Carney G. Laslie, Jr. ..... *Adjunct Professor of History and Geography*

B.A., University of Mississippi, 1936; M.A., The American University, 1968. (1972)

Christine Leonard ..... *Instructor in Business and Economics*

B.A., University of California, 1972; M.B.A., Texas A&M University, 1975. (1976)

Benjamin Glynn Liles, Jr. ..... *Associate Professor of Biology*

B.A., University of Texas, 1961; Ph.D., University of California-Berkeley, 1969. (1976)

Maurine Locke ..... *Lecturer in Education*

B.A., Northwestern State College, 1944; M.S., Lesley College, 1958. (1967)

Charles B. Lowrey ..... *Associate Professor of Chemistry and Assistant Dean of the College*

B.S., Centenary College, 1963; Ph.D., University of Houston, 1968. (1966)

Walter M. Lowrey ..... *Professor of History*

B.A., 1942, M.A., 1947, Louisiana State University; Ph.D., Vanderbilt University, 1956. (1963)

Darrell M. Loyless ..... *Associate Professor of Government and Chairman of the Department of History and Government*

B.S., The University of Texas, 1967; M.A., East Texas State University, 1968; Ph.D., The American University, 1975. (1968-70; 1973)

Stephen J. Mayer ..... *Assistant Professor of English*

B.A., Tufts University, 1969; M.Phil., 1972, Ph.D., 1975, Yale University. (1975)

A. Bradley McPherson ..... *Associate Professor of Biology and Chairman of the Department*

B.S., Southeastern Louisiana College, 1960; M.S., Louisiana State University, 1967; Ph.D., Southern Illinois University, 1971. (1971)

James R. Montgomery ..... *Lecturer in English*

B.A., Centenary College, 1968. (1977)

Louis E. Moossy ..... *Lecturer in Engineering Sciences*

B.S., Notre Dame, 1949. (1972)

Ira Lee Morgan ..... *Professor of English and Chairman of the Department*

B.A., Hendrix College, 1949; M.A., University of Tennessee, 1950; Ph.D., University of Florida, 1954. (1954)

Jean Oelrich ..... *Lecturer in Music*

B.M., Chicago Musical College of Roosevelt University, 1975. (1976)

Daniel Pankratz ..... *Lecturer in Music*

B.M., 1969; M.M., 1971, Chicago Musical College of Roosevelt University. (1974)

Edmond M. Parker ..... *Lecturer in Engineering*

B.S., Southeastern Oklahoma State College, 1946; M.S., East Texas State University, 1950. (1947)

David J. Pellman ..... *Assistant Professor of Theatre and Speech*

B.A., Western Michigan University, 1963; M.A., University of Denver, 1966; M.F.A., University of Oregon, 1973. (1976)

Arnold M. Penuel ..... *Associate Professor of Spanish*

B.A., University of Tennessee, 1958; M.A., University of the Americas, 1963; Ph.D., University of Illinois, 1968. (1972)

Webb D. Pomeroy ..... *T. L. James Professor of Religion*

B.A., Centenary College, 1944; B.D., Union Theological Seminary, 1946; Ph.D., University of Edinburgh, 1953. (1953)

Bob Quarles ..... *Lecturer in Business*

B.B.A., Northeast State University, 1972. (1976)

Viva L. Rainey ..... *Professor of History and Government*
B.A., 1934, M.A., 1947, University of Chicago; Ph.D., University of Madrid, 1961. (1964)

Sarah Mullinaux Rains ..... *Lecturer in Education*
B.A., Centenary College, 1930; M.Ed., Northwestern State University, 1962. (1975)

Robert B. Reynolds ..... *Professor of Music*
B.M., Oklahoma State University, 1950; M.M., University of Oklahoma, 1952; D.M., Indiana University, 1961. (1976)

Donald Rupert ..... *Professor of Music*
B.M., 1953, M.M., 1956, A.M.D., 1962, Eastman School of Music. (1971)

Stanley Savant ..... *Lecturer in Music*
B.M.E., 1971, M.M.E., 1973, Northwestern State University of Louisiana.

Rosemary Seidler ..... *Associate Professor of Chemistry*
B.S., Loyola University, 1961; Ph.D., Tulane University, 1966. (1966)

Nolan G. Shaw ..... *Professor of Geology and Chairman of the Department*
A.B., Baylor University, 1951; M.S., Southern Methodist University, 1956; Ph.D., Louisiana State University, 1966. (1955)

John F. Shenaut ..... *Lecturer in Music*
B.M., American Conservatory of Music, 1938; M.M., University of Michigan, 1940. (1948)

Harlan C. Snow ..... *Professor of Music and Dean of the Hurley School of Music*
B.A., Luther College, 1952; M.Div., United Theological Seminary, 1956; M.M., Miami University of Ohio, 1967; D.Mus., Northwestern University, 1974. (1975)

Betty McKnight Speairs ..... *Associate Professor of Mathematics*
A.B., 1946, M.A., 1947, Southern Methodist University. (1947)

J. David Stone ..... *Lecturer in Religion*
B.S., La. Tech University, 1960; M.A., Scarritt College, 1964. (1974)

B. Lee Sutton ..... *Lecturer in Art*
B.A., 1951, B.I.D., 1951, Oklahoma State University. (1964)

Robert Ed Taylor ..... *Associate Professor of Religion, Chairman of the Department and Chaplain of the College*
B.A., Centenary College, 1952; B.D., 1955, S.T.M., 1970, Southern Methodist University. (1961)

Stanton A. Taylor ..... *Professor of Chemistry*
B.S., Northwestern University, 1949; M.S., Iowa State University, 1955; Ph.D., University of Oklahoma, 1965. (1961)

William C. Teague ..... *Professor of Music*
B.M., Curtis Institute of Music, 1948. (1948)

David E. Thomas ..... *Director of the Computing Center*
Assistant Professor in Mathematics
B.S., Southeastern Louisiana University, 1969; M.S., Tulane University, 1973; Ph.D., Tulane University, 1974. (1974)

Jeffrey F. Trahan ..... *Associate Professor of Physics*
B.S., Tulane University, 1963; M.S., 1969, Ph.D., 1972, Louisiana State University. (1972)

Daniel R. Tucker ..... *Associate Professor of Geology*
B.S., Ohio University, 1965; M.S., Miami University of Ohio, 1968; Ph.D., Miami University of Ohio, 1975. (1975)

Melinda Tucker ..... *Instructor in Geology*
B.A., Cornell College, 1966; M.S., Miami University of Ohio, 1968. (1977)

Hugh E. Urbantke ..... *Professor of Business and Economics,*
Vice President for Administration and
Director of the Center for Management Development
B.B.A., University of Houston, 1948; M.B.A., University of Houston, 1957; Ph.D., University of Houston, 1966. (1975)

Charles E. Vetter ..... *Associate Professor of Sociology*
and Chairman of the Department
B.A., Southwestern University, 1961; M.A., North Texas State University, 1965; Ph.D., North Texas State University, 1975. (1970-73; 1975)

Alvin C. Voran ..... *Consultant in Choral Music*
A.B., McPherson College, 1928; B.M., Chicago Conservatory of Music, 1932; Mus.D., McPherson College, 1957. (1937)

Riley Wallace ..... *Head Basketball Coach and*
Director of Men's Athletics
B.S., Centenary College, 1964; M.Ed., University of Illinois, 1968. (1967)

Robert Johnson Watts ..... *Associate Professor of German and*
Acting Chairman of the Department of Foreign Languages
A.B., 1946, A.M., 1949, Duke University. (1965)

Lynda A. Weems ..... *Lecturer in English*
B.A., 1967, Louisiana State University; M.A., Louisiana State University, 1972. (1972)

Warren N. White ..... *Professor of Engineering*
B.S., Louisiana State University, 1946; M.S., Southern Methodist University, 1954; Ph.D., Tulane University, 1975. (1976)

Nena Plant Wideman ..... *Consulting Professor in Music*
B.A., Louisiana State Normal College, 1926; B.M., Centenary College, 1934; M.M., Chicago Musical College, 1942. (1966)

Orin P. Wilkins ..... *Professor of Biology*
B.A., 1946, M.A., 1948, Ph.D., 1955, University of Texas. (1955)

Woodrow Wilson Visiting Fellows from the Woodrow Wilson National Fellowship Foundation

Harold Agnew	Margaret Chase Smith
Harllee Branch	Maj. Gen. William C. Lewis, (USAF ret.)
William Walton Butterworth	Marion Stephenson
Milton Viorst	Lord Caradon
John J. Powers	F. William McCalpin

PROFESSORS EMERITI

THEODORE T. BECK ..... *Professor Emeritus of French*

A.B., Colgate, 1928; M.A. University of Georgia, 1940; Ph.D., Louisiana State University, 1961. (1961-73)

EDWARD MURRAY CLARK ..... *Professor Emeritus of English*

A.B., College of Emporia, 1921; M.A., 1933, Ph.D., 1941, University of Oklahoma. (1946-69)

BRYANT DAVIDSON ..... *Professor Emeritus of History and Government*

A.B., Hendrix College, 1925; M.A., Columbia University, 1928; LL.D. Hendrix, 1960. (1928-70)

ELMER LEE FORD ..... *Professor Emeritus of Foreign Languages*

A.B., 1915, M.A., 1916. Howard College; Docteur De L'Universite de Lyon, 1927. (1929-61)

MONAS HARLAN ..... *Professor Emeritus of Music*

B.M., Westminster College, 1938; M.M., University of Southern California, 1950; graduate study at the Juilliard School of Music. (1959 1977)

CHARLES A. HICKCOX ..... *Professor Emeritus of Geography and Geology*

B.S., Middlebury College, 1934; M.S., University of Oklahoma, 1939. (1946-75)

OTHA KING MILES ..... *Professor Emerita of Education and Psychology*

B.A., Centenary College, 1931; M.A.. 1932, Ph.D., 1942, University of Texas. (1943-60)

EDMOND M. PARKER ..... *Professor Emeritus of Engineering Sciences*

B.S., Southeastern Oklahoma State College, 1946; M.S., East Texas State University, 1950. (1947-72)

WOODROW W. PATE ..... *Professor Emeritus of Economics*

A.B., Henderson State College, 1936; M.A., Louisiana State University, 1938; Ph.D., University of North Carolina, 1949. (1949-1977)

FRANCES MARY PERKINS ..... *Professor Emerita of Music*

B.A., 1944, B.M., 1947, Centenary College; M.M., Chicago Musical College, 1947. (1947-76)

W. FERRELL PLEDGER ..... *Professor Emeritus of Religion and Sociology*

B.A., Southwestern University, 1935; M.A., Southwestern University, 1936; B.D., Duke University, 1937; Ph.D., Hartford Seminary Foundation, 1944. (1953-75)

FARIEBEE P. SELF ..... *Professor Emerita of Mathematics*

A.B., Northwestern State College, 1928; M.A., Louisiana State University, 1940. (1946-74)

ALVIN C. VORAN ..... *Professor Emeritus of Choral Music*

A.B., McPherson College, 1928; B.M., Chicago Conservatory of Music, 1932; Mus.D., McPherson College, 1957. (1937-72)

MARY WARTERS ..... *Professor Emerita of Biology*

A.B., Shorter College, 1923; M.A., The Ohio State University, 1925; Ph.D., University of Texas, 1943. (1927-71)

RALPH E. WHITE ..... *Professor Emeritus of Modern Language*

A.B., 1916, M.A., 1923, Emory University; Ph.D., University of Texas, 1949. (1937-59)

LIBRARY STAFF

James G. Volny ..... *Director of Library Services*
Mrs. Ella C. Edwards ..... *Reference and Assistant Librarian*
Mrs. Betty R. Anderson ..... *Cataloguer and Head of Technical Processes*
Mrs. Anna H. White ..... *Head of Circulation Department*
Mrs. Nancy E. Middleton ..... *Head of Acquisitions*
Mrs. Mary W. Rademacher ..... *Serials and Exchange Assistant*
Mrs. Dorothy Hall ..... *Library Aide*

COMPUTING CENTER STAFF

Mrs. Sherry Barefield ..... *Computer Manager*

1977-78 LECTURERS IN EDUCATION

Mrs. Wilda Andrews
Mrs. Georgia Black
Mrs. Jeralyn Briney
Mr. Marvin Caldwell
Mr. Kenneth Cochran
Mrs. Penny Creighton
Mr. Court Crow
Mr. William Ducote
Mrs. Margaret Firestone
Miss Mary Fisher
Mrs. Phalamae Gray
Mrs. Jane Hancock
Miss Diane Hays
Mrs. Julia Jones
Mr. John Kerley
Mrs. Ann LeBlanc
Mrs. Madeline McCaleb
Miss Betty McDonald
Mr. Orlando Moss
Mrs. Jane Newberry
Mrs. Barbara Nolan
Mrs. Elsie Pittman
Mr. Lester Ralph
Mrs. Nell Reeves
Sister Margaret Rose
Mrs. Bessie Smith
Mrs. Eleanor Spohn
Mrs. Betty Watson
Mrs. Betty Willey
Mrs. Lois Wilson

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ACADEMIC CALENDAR 1977-78

FALL SEMESTER, 1977

Pre-registration Faculty Conference	9:00 a.m.-4:30 p.m.	August 26
Dorms open for new students	10:00 a.m.	August 27
Orientation		August 27, 28
Dorms open for returning students	10:00 a.m.	August 28
New student advising	8:30 a.m.-4:30 p.m.	August 29
Registration	8:30 a.m.-4:00 p.m.	August 30
Classwork begins		August 31
Labor Day Holiday		September 5
Last day for enrolling or changing sections		September 14
Mid-semester grades due	Noon	October 21
Last day for dropping courses or changing enrollment status		October 28
Thanksgiving Recess begins	2:10 p.m.	November 23
Thanksgiving Recess ends	8:20 a.m.	November 28
Dead Week		December 5-16
Semester examinations		December 12-16
Dorms close	5:00 p.m.	December 17

INTERIM, 1978

Interim registration	8:30 a.m.-4:30 p.m.	December 5-7, 1977
Dorms open	10:00 a.m.	January 8
Classwork begins		January 9
Last day for enrolling or changing sections		January 12
Last day for dropping courses		January 19
Classes end		January 25
Interim grades due	Noon	February 10

SPRING SEMESTER, 1978

Dorms open	10:00 a.m.	January 29
Registration	8:30 a.m. 4:00 p.m.	January 30
Classwork begins		January 31
Mardi Gras Holidays		February 6-7
Last day for enrolling or changing sections		February 15
Spring Recess begins	2:10 p.m.	March 17
Spring Recess ends	8:20 a.m.	March 28
Mid semester grades due	Noon	March 31
Last day for dropping courses or changing enrollment satus		April 7
Dead Week		May 15-26
Baccalaureate	11:00 a.m.	May 21
Commencement	2:30 p.m.	May 21
Semester examinations		May 22-26
Dorms close	5:00 p.m.	May 27

SUMMER SESSION, 1978

Dorms open	10:00 a.m.	June 4
Registration	8:30 a.m.-4:00 p.m.	June 5
Four-week courses (meeting 1 hr. and 50 min. daily)	A)	June 6-30
	B)	July 3-28
Eight-week courses (meeting 55 min. daily)		June 6-July 28
Nine-week courses		June 6-August 4
Independence Day Holiday		July 4
Last day for enrolling or changing sections:		
June 6-June 30 courses		June 9
July 3-July 28 courses		July 7
Eight- and nine-week courses		June 13
Last day for dropping courses or changing enrollment status:		
June 6- June 30 courses		June 14
July 3-July 28 courses		July 12
Eight- and nine-week courses		June 22
Dorms close	5:00 p.m.	July 29

ACADEMIC CALENDAR 1978-79

FALL SEMESTER, 1978

Pre-registration Faculty Conference	9:00 a.m.-4:30 p.m.	August 25
Dorms open for new students	10:00 a.m.	August 26
Orientation		August 26, 27
Dorms open for returning students	10:00 a.m.	August 27
New student advising	8:30 a.m.-4:30 p.m.	August 28
Registration	8:30 a.m.-4:00 p.m.	August 29
Classwork begins		August 30
Labor Day Holiday		September 4
Last day for enrolling or changing sections		September 13
Mid-semester grades due	Noon	October 20
Last day for dropping courses or changing enrollment status		October 27
Thanksgiving Recess begins	2:10 p.m.	November 22
Thanksgiving Recess ends	8:20 a.m.	November 27
Dead Week		December 4-15
Semester examinations		December 11-15
Dorms close	5:00 p.m.	December 16

INTERIM, 1979

Interim registration	8:30 a.m.-4:30 p.m.	December 4-6, 197
Dorms open	10:00 a.m.	January 7
Classwork begins		January 8
Last day for enrolling or changing sections		January 11
Last day for dropping courses		January 18
Classwork ends		January 24
Interim grades due	Noon	February 9

SPRING SEMESTER, 1979

Dorms open	10:00 a.m.	January 28
Registration	8:30 a.m.-4:00 p.m.	January 29
Classwork begins		January 30
Last day for enrolling or changing sections		February 13
Mardi Gras Holidays		February 26-27
Mid-semester grades due	Noon	March 23
Last day for dropping courses or changing enrollment status		March 30
Spring Recess begins	2:10 p.m.	April 6
Spring Recess ends	8:20 a.m.	April 17
Dead Week		May 14-25
Baccalaureate	11:00 a.m.	May 20
Commencement	2:30 p.m.	May 20
Semester examinations		May 21-25
Dorms close	5:00 p.m.	May 26

SUMMER SESSION, 1979

Dorms open	10:00 a.m.	June 3
Registration	8:30 a.m.-4:00 p.m.	June 4
Four-week courses (meeting 1 hr. and 50 min. daily)	A)	June 5-June 29
	B)	July 2-July 27
Eight-week courses (meeting 55 min. daily)		June 5-July 27
Nine-week courses		June 5-August 3
Independence Day Holiday		July 4
Last day for enrolling or changing sections:		
June 5-June 29 courses		June 8
July 2-July 27 courses		July 6
Eight- and nine-week courses		June 12
Last day for dropping courses or changing enrollment status:		
June 5-June 29 courses		June 13
July 2-July 27 courses		July 11
Eight- and nine-week courses		June 21
Dorms close	5:00 p.m.	July 28

CORRESPONDENCE DIRECTORY

For Information about:	Write to:
The College	The President
Academic Standing and Regulations	Dean of the College
Admission to the College	Director of Admissions
Alumni Activities and Records	Director of Alumni Relations
Gifts or Bequests and Public Relations	Director of Development
Scholarships, Grants-in-Aid, Student Loans	Director of Financial Aid
Transcripts and Academic Records	Registrar
Tuition and Fees	Business Office Manager

Centenary College of Louisiana
2911 Centenary Blvd.
Shreveport, Louisiana 71104
Telephone: (318) 869-5011

It is the policy of Centenary College of Louisiana not to discriminate on the basis of sex in its educational programs, activities or employment policies as required by Title IX of the Education Amendments.

Baseball Field
Gold Dome
Physical Education
Center
Baptist Student Center
ΘΩ
ΚΣ
TKE
KA
Canterbury Club
AZD
ΧΩ
ZTA
WOODLAWN AVENUE
Library
Brown Memorial Chapel
R. E. Smith Building
Heynes Memorial Gym
Hurley Music Building
Mickle Hall of Science
Marjorie Lyons Playhouse
Hamilton Hall
Cline Dorm
KINGS HIGHWAY
Morehead Memorial Gardens
Bynum Commons
Dining Hall
Moore Student Center
Rotary Dorm
Sexton Dorm
Hargrove Memorial Amphitheatre
Frost Memorial Gardens
Jackson Hall
James Dorm
Crumley Memorial Gardens
WILKINSON STREET
Herdin Dorm
Meadows Art Museum
Tennis Courts
CENTENARY BOULEVARD

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